

ENNONS\_HAWKINS HARDWARE CO.

Harness Catalogue



# **SPECIAL HARNESS CATALOGUE**

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**SEASON 1910 and 1911**

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## **EMMONS - HAWKINS HARDWARE Co.**

**MANUFACTURERS, IMPORTERS AND JOBBERS**



**Hardware, Tools, Stoves, Household Goods,  
Cutlery, Guns, Ammunition, Contractors' and  
Blacksmiths' Supplies, Building Material,  
Paints and Oils, Gas Fixtures, Mantles, Iron,  
Steel, Etc.**



**HUNTINGTON, W. VA.**



This catalogue presents to your notice a representative line of Harness, Harness Parts and Kindred Goods for the Fall of 1910 and the Spring of 1911. While this is an advance catalogue, giving a fair idea of the goods usually in demand for the general trade, we might add that we are in position to supply on short notice almost anything desired by the contractor, the farmer, the stableman, etc.

Mail orders may be intrusted to us, with the assurance that our prices will be the lowest consistent with shipping facilities and market conditions. Huntington is situated on the Ohio River and enjoys the advantage of four important railway lines, thereby securing good rates by both river and rail. We make special effort to ship all goods the day the orders are received.

We think our friends will agree with us that it is more satisfactory to place your orders with an established house close at home, with a good reputation for reliability and fair and honorable dealing, than it is to send your orders far away to dealers not well known to you. Write us for quotations on your season's requirements.

We are thankful to our many friends for their liberal patronage, which has made possible our Extensive Stock and Efficient Service, to merit a continuance of their many favors will be our constant aim.

EMMONS-HAWKINS HARDWARE CO.,  
HUNTINGTON, W. VA.

Webster Family Library of Veterinary Medicine  
Cummings School of Veterinary Medicine at  
Tufts University  
200 Westboro Road  
North Grafton, MA 01536

## Single Buggy Harness

Bridle.— $\frac{5}{8}$ -inch, flat check and winker stay, overcheck, patent leather blinds, ring bit.

Lines.— $\frac{3}{4}$ -inch, buckle and billet, all black.

Breast Collar.—Folded, short loops, to buckle.

Hames.— $3\frac{1}{2}$  pounds, Japanned, short loop tugs.

Traces.—1-inch, double and stitched, to buckle.

Collar.—Black buggy.

Saddle.— $2\frac{1}{2}$ -inch, cloth lined, full pad.

Shaft Tugs.— $\frac{7}{8}$ -inch, leather loop.

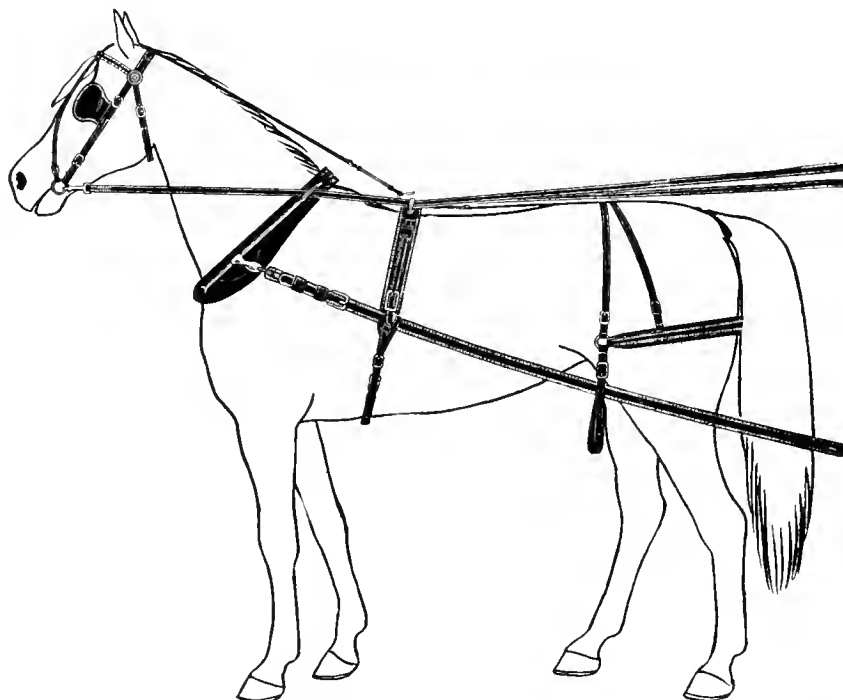
Belly Bands.—1-inch, Griffith,  $\frac{5}{8}$ -wrap straps.

Turnback.— $\frac{5}{8}$ -inch, round buckle-on crupper.

Hip Straps.— $\frac{5}{8}$ -inch, double.

Breeching Body.—Folded, full layer.

Holdbacks.— $\frac{3}{4}$ -inch, union loop buckles.



No. 100—Single Buggy Harness. With Breast Collar. X C or Japanned Trimmings. Complete..... \$13.00  
 No. 101— " " " " Collar and Hames X C or Japanned Trimmings. Complete..... 14.00

Bridle.— $\frac{5}{8}$ -inch, box loops, flat winker stay, overcheck, patent leather blinds, ring bit.

Lines.— $\frac{7}{8}$ -inch, buckle and billet, all black.

Breast Collar.—Folded, short loops, to buckle.

Hames.— $3\frac{1}{2}$  pounds, Japanned, short loop tugs.

Traces.— $1\frac{1}{8}$ -inch, double and stitched, to buckle.

Collar.—Kip buggy.

Saddle.—3-inch, cloth lined, full pad.

Shaft Tugs.—1-inch, box loop.

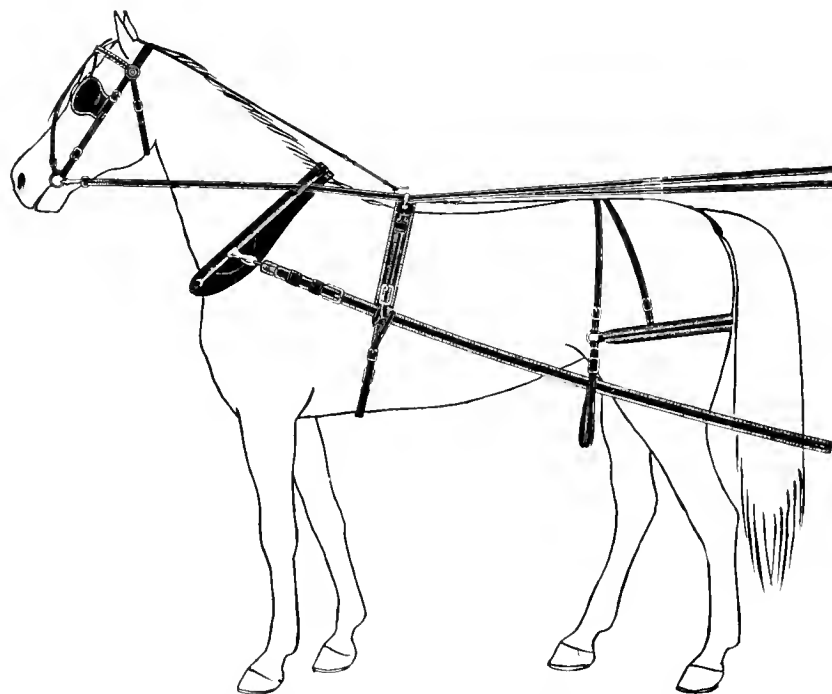
Belly Bands.— $1\frac{1}{4}$ -inch, Griffith,  $\frac{3}{4}$ -wrap straps.

Turnback.— $\frac{3}{4}$ -inch, round buckle-on crupper.

Hip Straps.— $\frac{5}{8}$ -inch, double.

Breeching Body.—Folded,  $\frac{7}{8}$ -inch layer.

Holdbacks.— $\frac{7}{8}$ -inch, union loop buckles.



No. 105—Single Buggy Harness. With Breast Collar. X C or Japanned Trimmings. Complete..... \$14.50  
 No. 106— " " " " Collar and Hames. X C or Japanned Trimmings. Complete..... 15.50

## Single Buggy Harness

Bridle— $\frac{5}{8}$ -inch, metal loop cheeks, flat winker stays, patent leather blinds.

Lines— $\frac{3}{4}$  x  $\frac{7}{8}$ -inch, buckle and billet.

Hames and Tugs—Japanned, brass or nickel,  $1\frac{1}{8}$ -inch loops and buckles.

Traces— $1\frac{1}{2}$ -inch, doubled and stitched, to buckle.

Collar—No. 100.

Breast Collar—Folded, metal loop tugs.

Saddle—3-inch, leather pad, strap.

Shaft Tugs—1-inch, with billets.

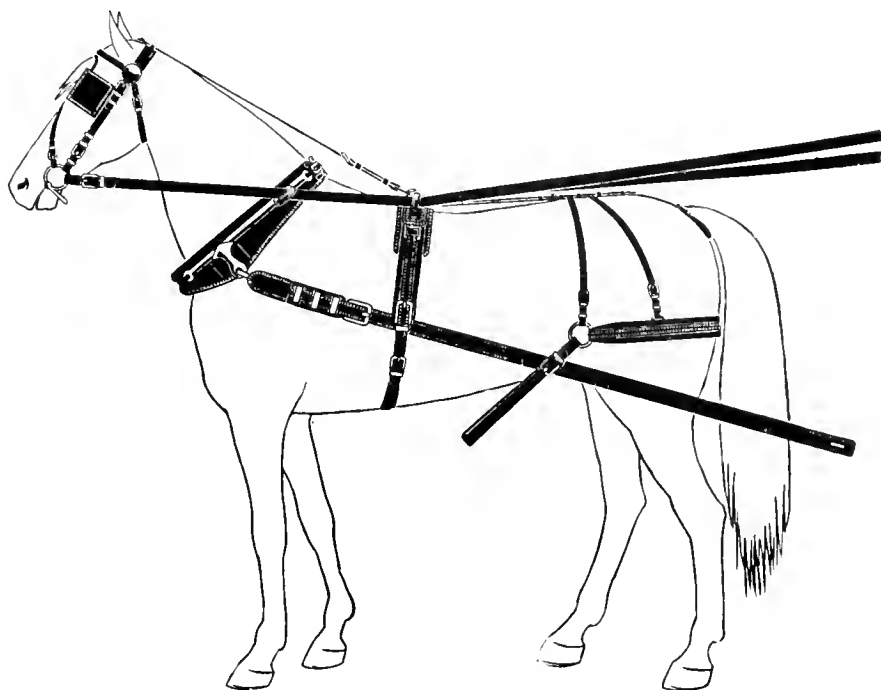
Belly Band—Double,  $\frac{7}{8}$  x  $1\frac{1}{4}$ -inch.

Breeching Body—Folded, with layer, metal loop tugs.

Turnback— $\frac{5}{8}$ -inch, double, English style.

Hip Straps— $\frac{5}{8}$ -inch, double.

Holdback Straps— $\frac{7}{8}$ -inch.



No. 120—Single Buggy Harness. With Breast Collar. X C or Japanned Trimmings. Complete..... Per set. \$14.50

No. 121— " " " Collar and Hames. X C or Japanned Trimmings. Complete..... 14.50

Bridle— $\frac{5}{8}$ -inch, metal loop cheeks, round winker stays, patent leather blinds.

Lines— $\frac{7}{8}$ -inch, buckle and billet.

Hames and Tugs—Brass or nickel trimmed, metal loops,  $1\frac{1}{8}$ -inch.

Traces— $1\frac{1}{2}$ -inch, single strap, to buckle.

Collar—No. 104.

Breast Collar— $2\frac{1}{2}$ -inch curved,  $1\frac{3}{8}$ -inch traces, attached, split neck strap.

Saddle—3-inch, leather lined, strap.

Shaft Tugs—1-inch, metal loops.

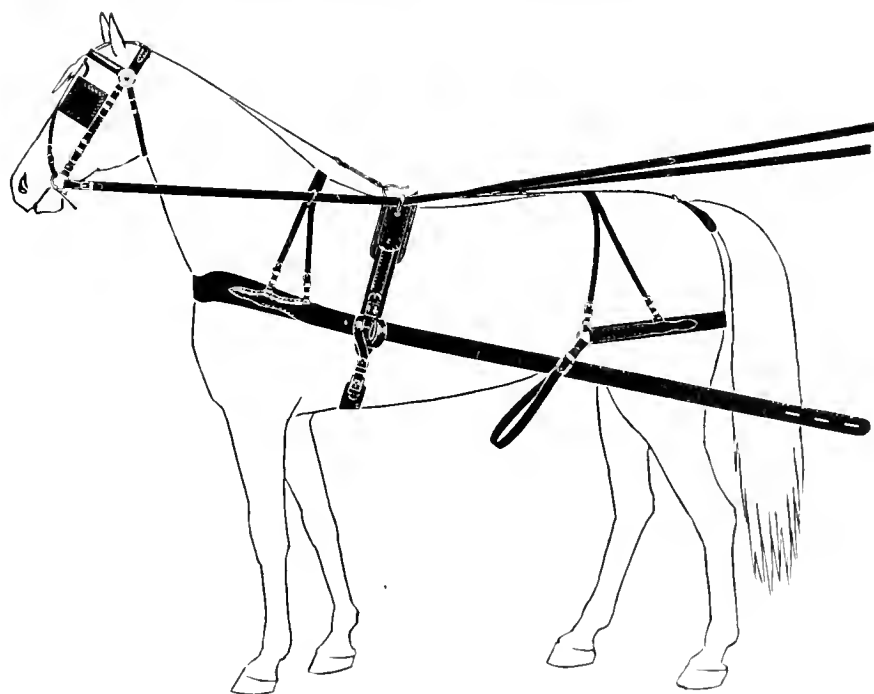
Belly Band—Griffith style,  $\frac{3}{4}$ -inch wrap straps.

Breeching Body— $1\frac{3}{8}$ -inch, single strap, metal loop tugs.

Turnback— $\frac{3}{4}$ -inch, sewed crupper.

Hip Straps— $\frac{5}{8}$ -inch, split.

Holdback Straps— $\frac{3}{4}$ -inch.



No. 110—Single Strap Buggy Harness. With Breast Collar. Solid Brass or Nickel Composition Trimmings—Complete..... Per set. \$16.40

No. 111—Single Strap Buggy Harness. With Collar and Hames. Solid Brass or Nickel Composition Trimmings. Complete..... 16.50

## Single Buggy and Wagon Harness

Bridle— $\frac{5}{8}$ -inch, metal loop cheeks, round winker stays, patent leather blinds.

Lines— $\frac{7}{8}$  x 1-inch, steel billets.

Hames and Tugs—Brass or nickel trimmed, metal loops,  $1\frac{1}{8}$ -inch.

Traces— $1\frac{1}{8}$ -inch, single strap, to buckle.

Collar—No. 104

Saddle—3-inch, swell strap, leather lined.

Shaft Tugs—1-inch, metal loops.

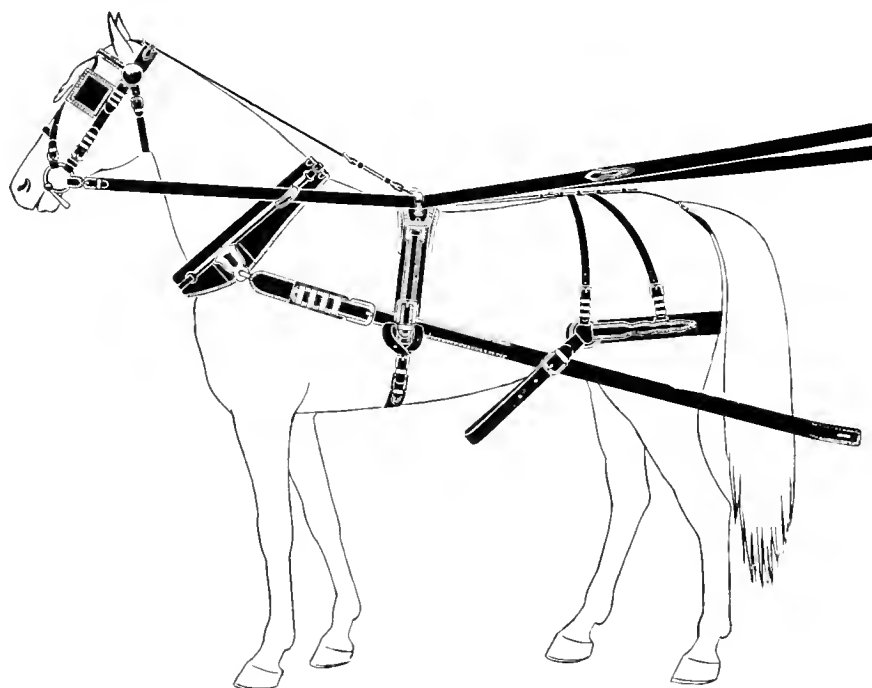
Belly Band—Griffith style,  $1\frac{1}{2}$ -inch.

Breeching Body— $1\frac{1}{2}$ -inch, single strap,  $\frac{5}{8}$ -inch metal loop tugs.

Turnback— $\frac{3}{4}$ -inch, English, buckle crupper.

Hip Straps— $\frac{5}{8}$ -inch, double.

Holdback Straps— $\frac{7}{8}$ -inch, brass loops.



No. 115—Single Strap Buggy Harness. Solid Brass or Nickel Composition Trimmings. Complete

Per set.

\$17.50

Bridle— $\frac{7}{8}$ -inch, flat cheeks, flat winker stay and side reins, red blinds, ring bit.

Lines—1-inch, with buckles and billets.

Hames—Red, X C ball top.

Traces— $1\frac{1}{2}$ -inch, double and stitched,  $5\frac{1}{2}$  feet with 12-inch heel chains.

Collar—Black split.

Saddle— $5\frac{1}{2}$ -inch, short leather pad, S A tree.

Shaft Tugs—With bar buckles and dee billets.

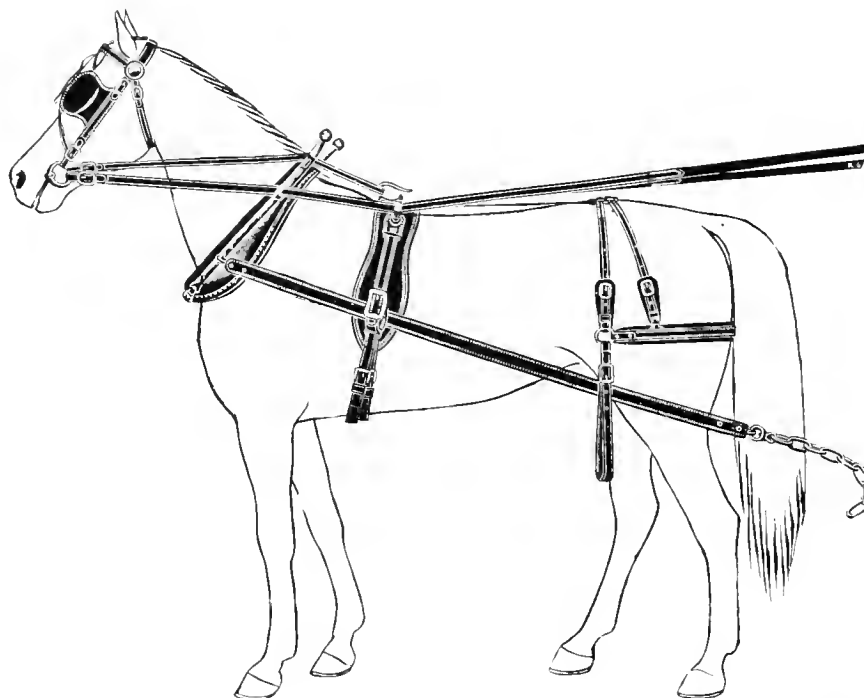
Belly Bands—Flat.

Turnback—1-inch, with safe

Hip Straps— $\frac{7}{8}$ -inch, double

Breeching Body—Folded, with layer.

Holdback—1-inch, with union loop buckles.



No. 125—Single Wagon Harness. X C Trimmings. Complete

Per set.

\$21.00



## Single Wagon and Express Harness

Bridle—1-inch, flat cheeks, flat winker stays and side reins, red blinds, ring bit.

Lines—1-inch, buckles and billets.

Hames—Red, X C ball top.

Traces—1 $\frac{3}{4}$ -inch, double and stitched, 5 $\frac{1}{2}$  feet, with 12-inch heel chains.

Collar—Black split.

Saddle—5 $\frac{1}{2}$ -inch, short leather pad, S A tree.

Shaft Tugs—With bar buckles and dee billets.

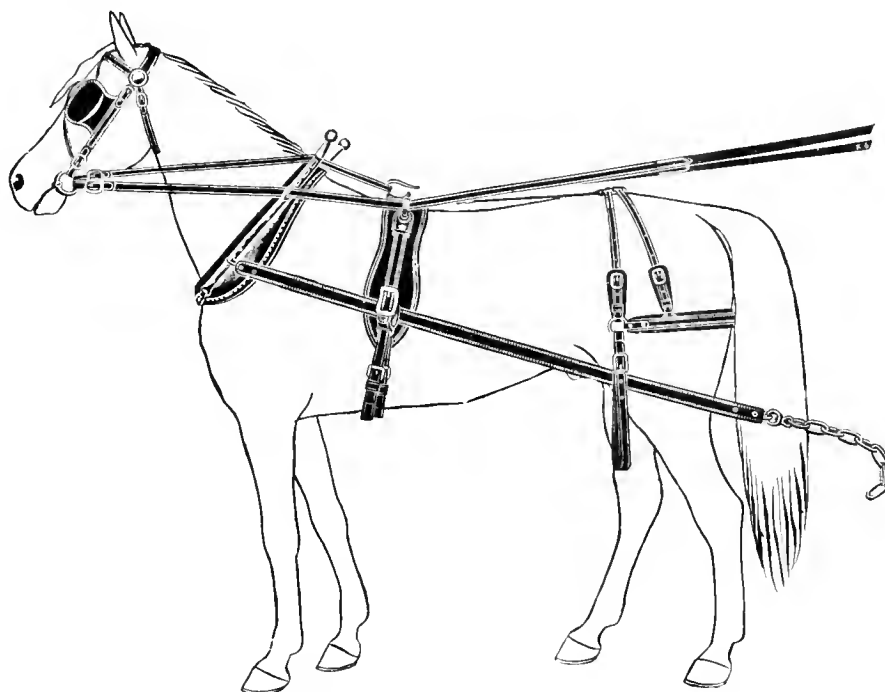
Belly Bands—Flat.

Turnback—1 $\frac{1}{4}$ -inch, with safe.

Hip Straps—1 $\frac{1}{4}$ -inch, double.

Breeching Body—Folded, with layer.

Holdbacks—1 $\frac{1}{4}$ -inch, union loop buckles.



Per set.

No. 130—Single Wagon Harness.	X C Trimmings. Complete .....	\$23 00
No. 131— " " "	Full Brass Trimmings. Complete .....	27 00

Bridle— $\frac{3}{4}$ -inch, box loop cheeks, round winker stays, flat side cheek, half cheek bit.

Lines—1-inch.

Hames—Red, ball top, box loop tugs.

Traces—1 $\frac{1}{4}$ -inch, double and stitched.

Collar—No. 30, kip.

Saddle—4-inch, full padded enamel, cloth lined.

Shaft Tugs—1 $\frac{1}{4}$ -inch, with billets.

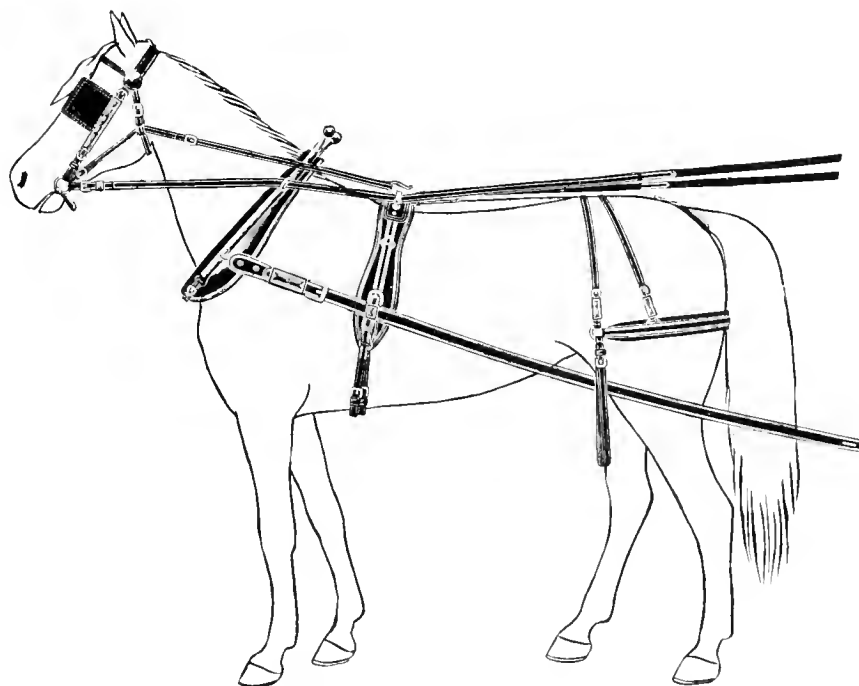
Belly Bands—Folded, leather loops.

Turnback—7 $\frac{1}{2}$ -inch, buckle crupper.

Hip Straps— $\frac{3}{4}$ -inch, double.

Breeching Body—Folded, box loop tugs.

Holdbacks—1-inch, roller buckle, leather loops.



Per set.

No. 135—Single Express Harness.	Full X C or Japanned Trimmings. Complete. ....	\$27.00
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## Single Express Harness

Bridle— $3\frac{1}{4}$ -inch, box loop cheeks, round winker stay, round side check, half check bit.

Lines— $1 \times 1\frac{1}{8}$ -inch, buckle and billet.

Hames—Red, ball top,  $1\frac{1}{2}$ -inch box loop tugs.

Traces— $1\frac{1}{2}$ -inch, double and stitched, with cockeyes.

Collar—Kip, team.

Saddle—5-inch, leather pad, single strap skirts.

Shaft Tugs— $1\frac{1}{2}$ -inch,  $1\frac{1}{4}$ -inch billets.

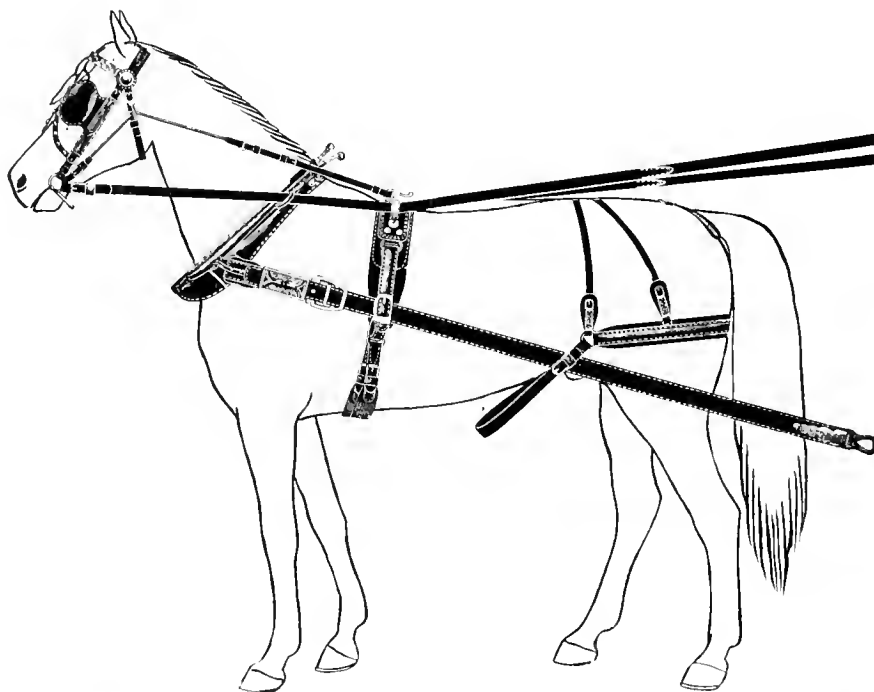
Belly Bands—Folded, leather loops.

Turnback— $1 \times 1\frac{1}{2}$ -inch, buckle crupper.

Hip Straps— $7\frac{1}{8}$ -inch, double.

Breeching Body—Folded, box loop tugs.

Holdbacks— $1\frac{1}{4}$ -inch, leather loops.



No. 145—Single Express Harness. Full X C Trimmings Complete...

Per set  
\$36.00

Bridle— $3\frac{1}{4}$ -inch, round reins and winker stay, nose band, swell blinds.

Lines— $1\frac{1}{8}$ -inch, buckle and billets.

Hames—Brass ball top.

Traces— $1\frac{3}{4}$ -inch, three-row stitched, attached to hames.

Collar—No. 80

Choke Strap—1-inch.

Saddle—5-inch, harness leather skirts, leather pad.

Shaft Tugs— $1\frac{1}{2}$ -inch.

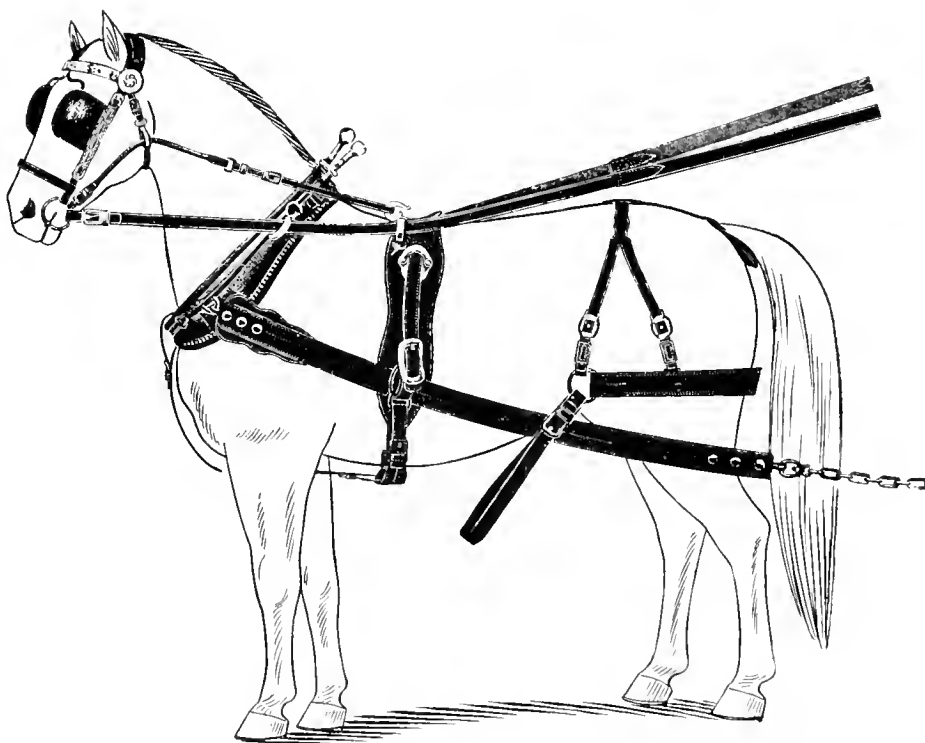
Belly Bands—Folded.

Turnback— $1\frac{1}{4}$ -inch, buckle crupper.

Hip Strap—1-inch, fancy split.

Breeching Body—Double and stitched.

Holdbacks— $1\frac{1}{4}$ -inch, leather loop.



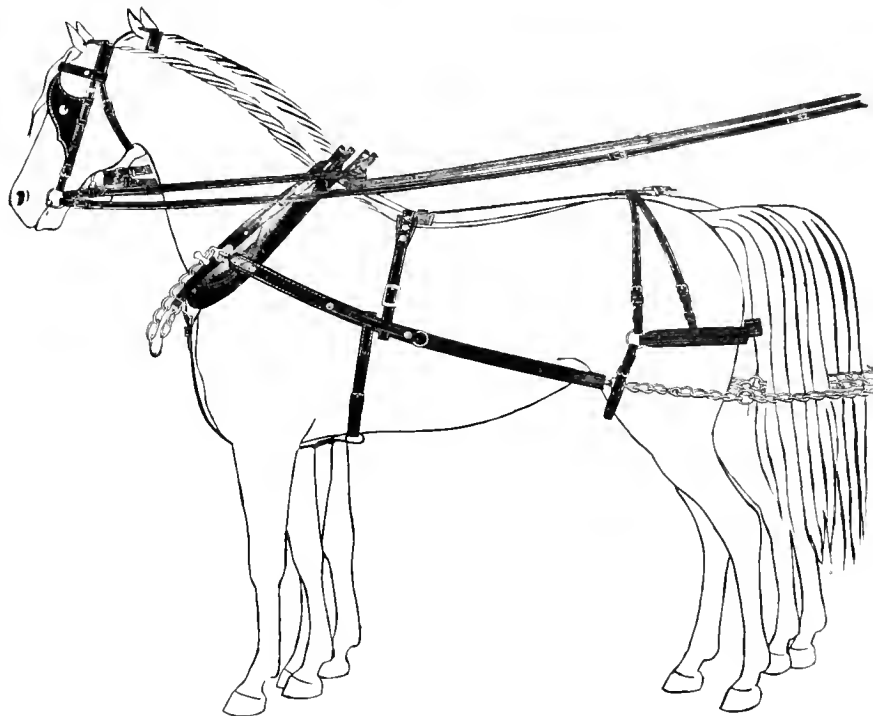
No. 155—Single Express Harness. Brass Trimmings Complete...

Per set.  
\$50.00

## Double Team Harness

Bridles— $7\frac{1}{2}$ -inch, Pigeon Wing blinds.  
 Lines— $7\frac{1}{2}$ -inch by 16 feet.  
 Hames—Red stage, X C ball top.  
 Traces— $1\frac{1}{4}$ -inch by  $4\frac{1}{2}$  feet, chain  $3\frac{1}{2}$ -8-2 stage  
 Collar—No. 9.  
 Breast Chains—26-8-2.  
 Choke Straps— $1\frac{1}{4}$ -inch.  
 Back Bands—Folded,  $1\frac{1}{4}$ -inch layer and billets.  
 Breeching—Stage,  $\frac{3}{4}$ -inch.  
 Holdbacks— $\frac{3}{4}$ -inch.

Can also be furnished with  $1\frac{1}{2}$ -inch traces at \$1 00 advance.

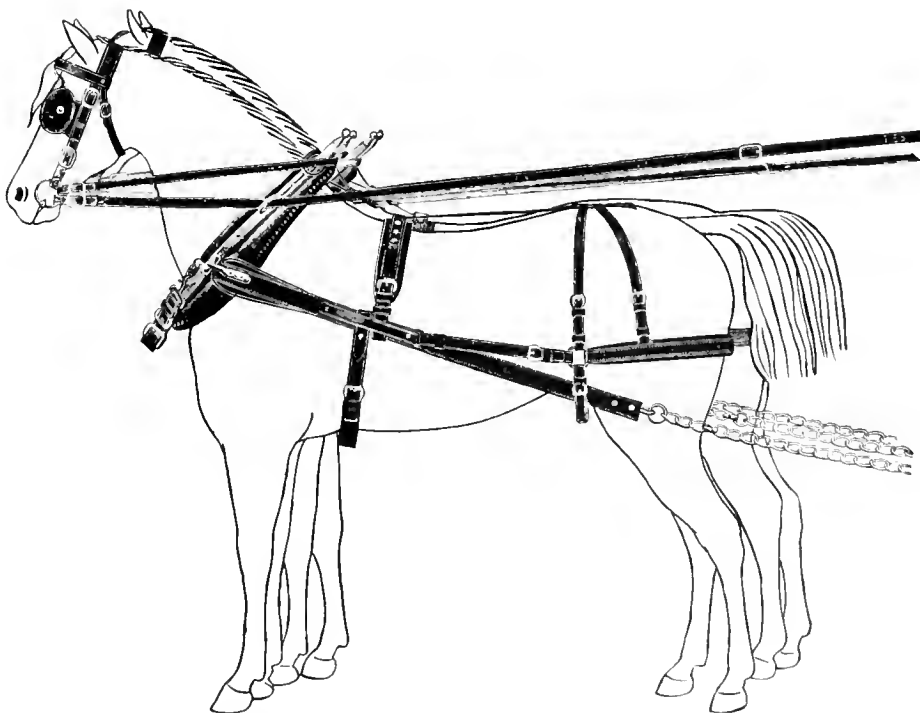


No. 140—Double Team Harness. X C Trimmings. Complete.....

Per set.  
\$35.00

Bridles— $7\frac{1}{2}$ -inch, flat winker stays, cup blinds, fancy fronts, ring bits.  
 Lines—1 inch by 16 feet.  
 Hames—Red, X C, ball top.  
 Traces— $1\frac{1}{2}$ -inch by  $4\frac{1}{2}$  feet, double and stitched,  $3\frac{1}{2}$  feet stage chain  
 Collars—No. 31, kip.  
 Breast Straps— $1\frac{1}{2}$ -inch, with slides and snaps.  
 Choke Straps— $1\frac{1}{4}$ -inch.  
 Back Bands—Folded,  $1\frac{1}{4}$ -inch reverse billets.  
 Belly Bands—Folded,  $1\frac{1}{4}$ -inch buckles.  
 Breeching—Folded,  $1\frac{1}{4}$ -inch turnback,  $7\frac{1}{2}$ -inch double hip straps,  $7\frac{1}{2}$ -inch holdbacks.

Can also be furnished with  $1\frac{3}{4}$ -inch traces at \$2 00 extra



No. 150—Double Team Harness. X C Trimmings. Complete.....

Per set.  
\$10.00

## Double Team Harness

Bridles—1-inch, harness leather cup blinds, round winker stays, fancy face piece, brass fronts, ring bits.

Lines—1 $\frac{1}{4}$ -inch by 16 feet.

Hames—Red, dandy brass ball top.

Traces—2-inch, heavy, double and stitched, with clips, and 3 $\frac{1}{2}$  feet heavy stage chains.

Collars—No. 55, fair throatless.

Breast Straps—1 $\frac{1}{2}$ -inch, with snaps and slides, or Covert's No. 218 breast chains.

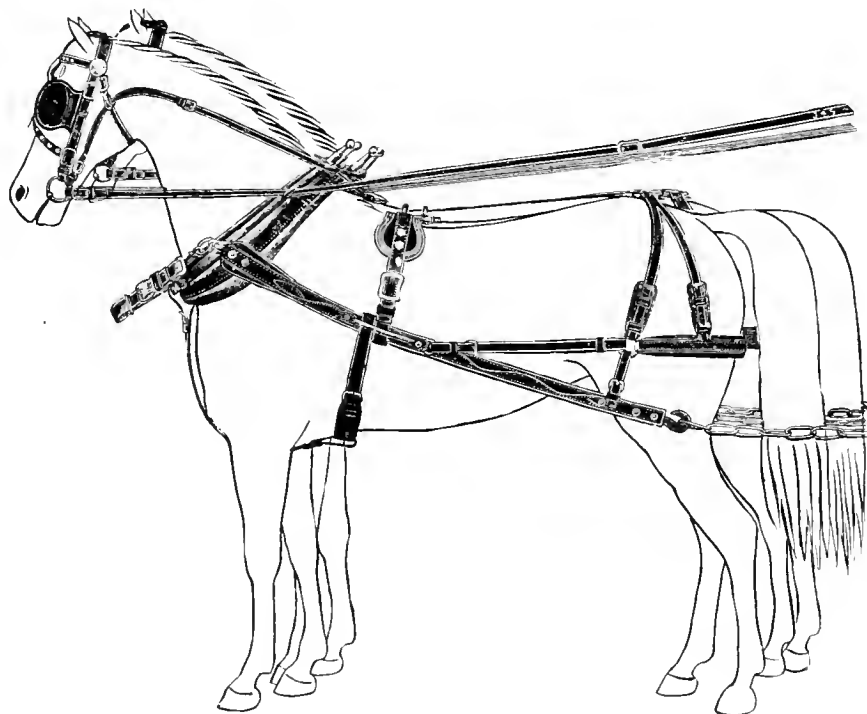
Choke Straps—1 $\frac{1}{2}$ -inch.

Back Bands—Red, felt lined, 1 $\frac{1}{2}$ -inch reverse billets.

Belly Bands—Folded, 1 $\frac{1}{2}$ -inch buckles.

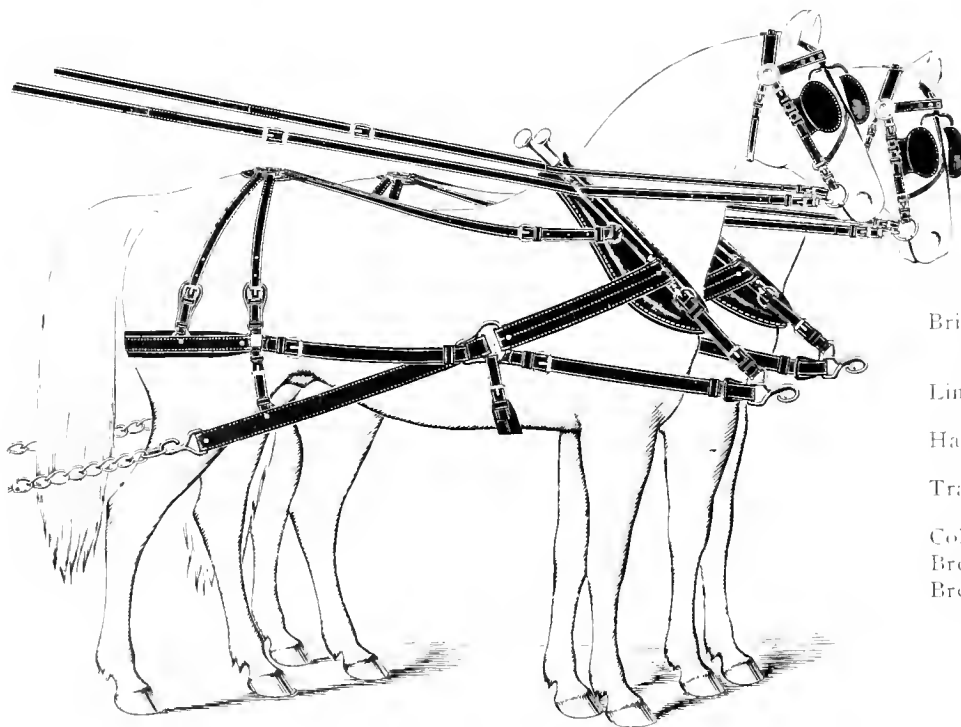
Breeching—Folded, 1 $\frac{1}{2}$ -inch turn-back, 1-inch double hip strap, 1-inch holdbacks.

This harness can also be furnished heavier at advance price.



Per set.

No. 160—Double Team Harness. Japanned Trimmings, with Brass Top Hames and Spots. Complete..... \$58.00



Bridles— $\frac{3}{4}$ -inch, heavy cup blinds, face piece, round winker stays, ring bits.

Lines—1-inch by 18 feet, extra heavy.

Hames—Dandy concord bolt, brass ball tops.

Traces—2-inch front parts, 1 $\frac{3}{4}$ -inch rear parts, with hooks.

Collars—Heavy team No. 80

Breast Straps—1 $\frac{1}{2}$ -inch.

Breeching—1 $\frac{3}{4}$ -inch folded, 1 $\frac{1}{4}$ -inch layer, 1 $\frac{1}{2}$ -inch back straps, 1 $\frac{1}{2}$ -inch side straps, 1 $\frac{1}{2}$ -inch side backers.

Per set.

No. 165—Heavy Team Harness. Japanned Trimmings, Brass Ball Hames. Without Collars..... \$90.00

## Slip Harness



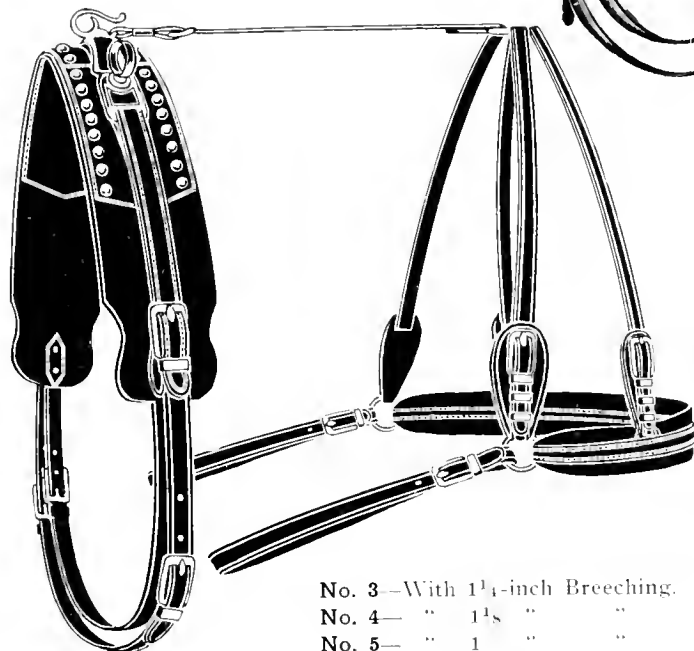
Saddle—Swell shape, harness top and pad  
 Shaft Tugs— $\frac{7}{8}$ -inch, with billets.  
 Belly Bands— $\frac{7}{8}$ -inch, flat.  
 Turnback— $\frac{7}{8}$ -inch.  
 Hip Straps— $\frac{3}{4}$ -inch, double.  
 Breeching Body—Folded  
 Holdbacks— $\frac{7}{8}$ -inch.

No. 1—X C Trimmed..... Per set \$6.00

Saddle— $5\frac{1}{2}$ -inch, harness leather top and pad,  
 S. A. tree.

Shaft Tugs—1-inch, with billets.  
 Belly Bands— $\frac{7}{8}$ -inch, flat.  
 Turnback— $\frac{7}{8}$ -inch.  
 Hip Straps— $\frac{3}{4}$ -inch, double.  
 Breeching Body—Folded, 1-inch, layer.  
 Holdbacks— $\frac{7}{8}$ -inch.

No. 2—X C Trimmed..... Per set. \$8.00

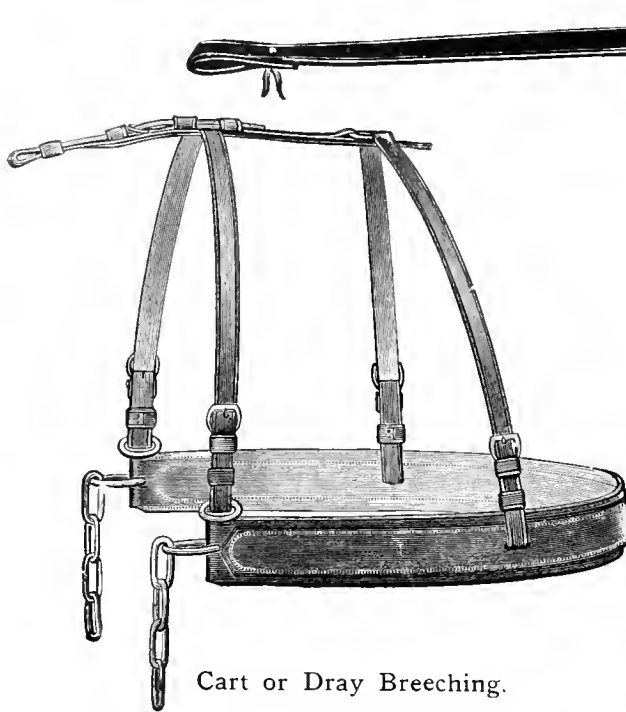


Saddle—6-inch, straight skirts, S A tree,  
 leather pad.

Shaft Tugs— $1\frac{1}{2}$ -inch.  
 Belly Bands— $1\frac{1}{2}$ -inch.  
 Turnback— $1\frac{1}{4}$ -inch.  
 Hip Straps— $1\frac{1}{4}$ -inch.  
 Breeching Body—Folded,  $1\frac{1}{4}$ -inch layer.  
 Holdback Straps— $1\frac{1}{4}$ -inch

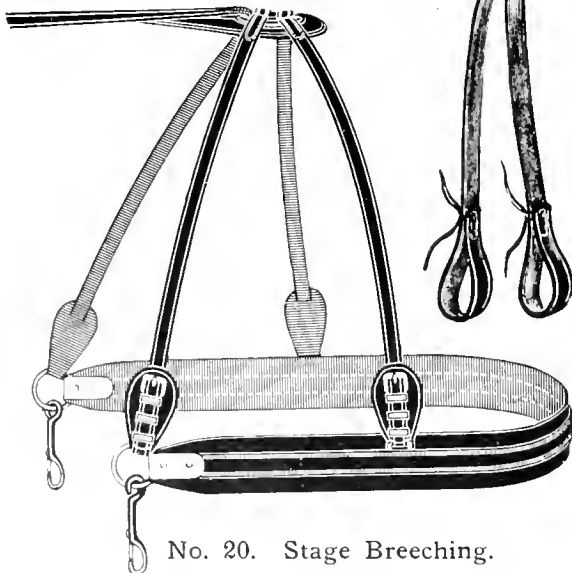
No. 3—With $1\frac{1}{4}$ -inch Breeching.	X C Trimmings.....	Per set. \$14.00
No. 4— " $1\frac{1}{8}$ " " " "	" " .....	13.50
No. 5— " 1 " " " "	" " .....	13.00

## Hip Straps and Breeching



Cart or Dray Breeching.

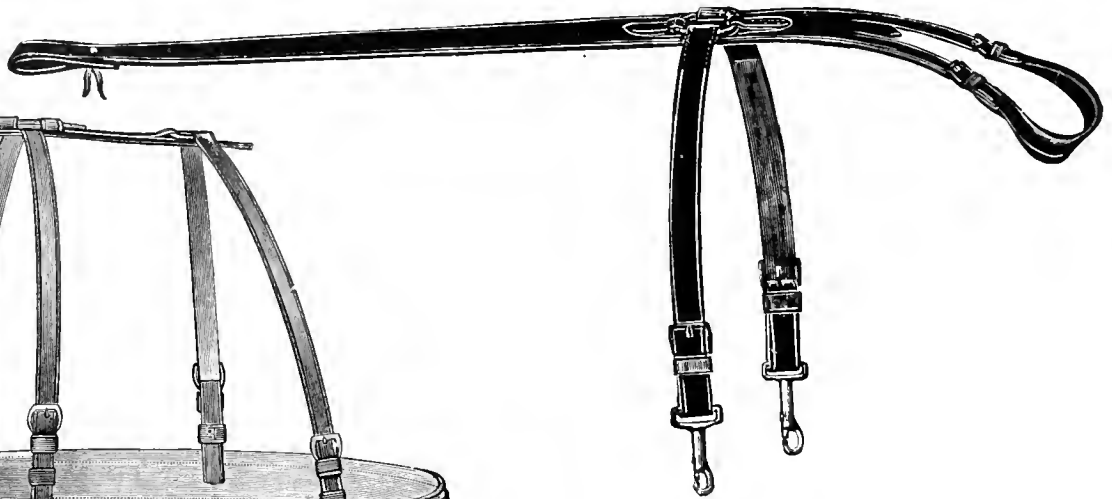
Bodies.	Hips.	Kidney Straps.	Turnback.	Per Set.
No. 15—2½	1¾	1	1¾	\$5.50
No. 16—3	1¾	1¾	1¾	6.50
No. 17—3½	1½	1¾	1½	7.70
No. 18—4	1½	1½	1¾	9.50



No. 20. Stage Breeching.

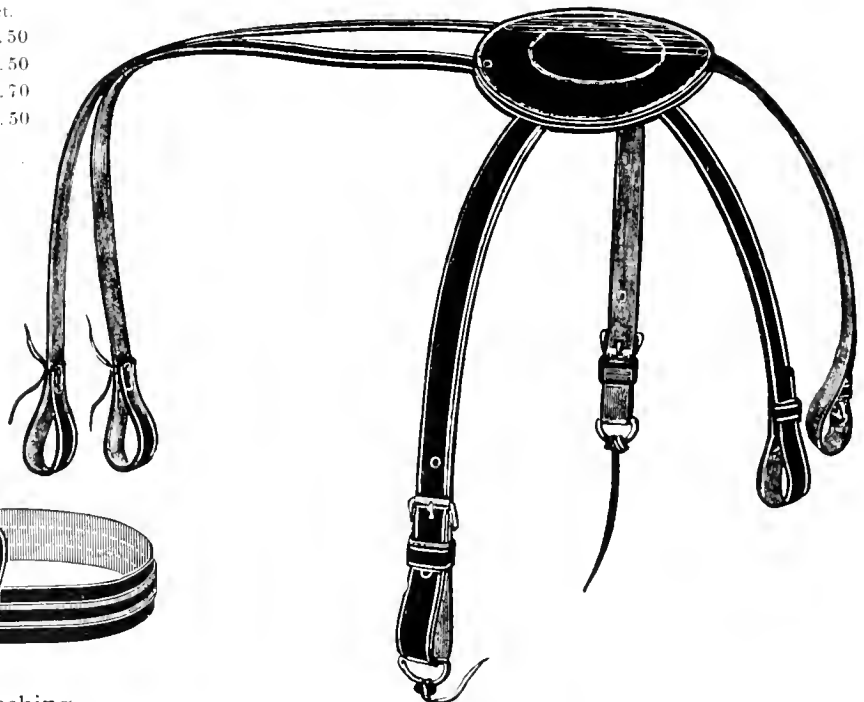
Folded, with Layer, Metal Clips, Brass Loops and Buckle Shields, Snaps.

Size, inches	¾	7/8	1	1⅛	1¼	1½
Per Set	\$5.50	6.50	7.20	8.00	9.00	10.00



Lead Hip Straps.  
With Snaps and Folded Crupper.

					Per set.
No. 10—1	-inch Hip Straps,	1½-inch Turnback..			\$3.60
No. 11—1¼	"	"	2½	"	4.80
No. 12—1½	"	"	3	"	6.00
No. 13—1¾	"	"	3½	"	6.50
No. 14—2	"	"	4	"	8.50

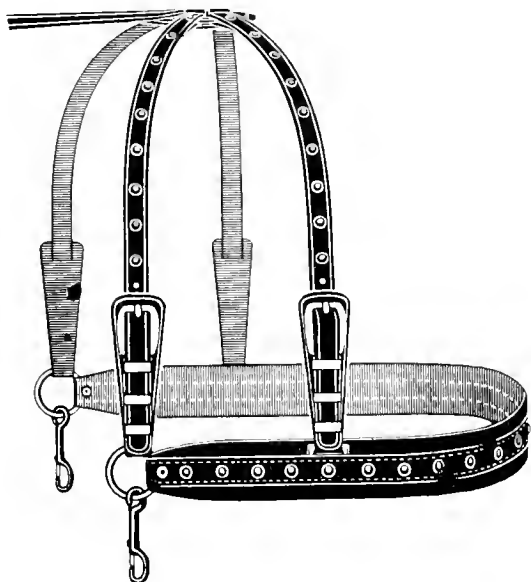


Mine Hip Straps.

All Straps Sewed to Leather Center.

	Per set.
No. 30—1½-inch Cross and Back Straps, 2-inch Hip Straps .....	\$5.00

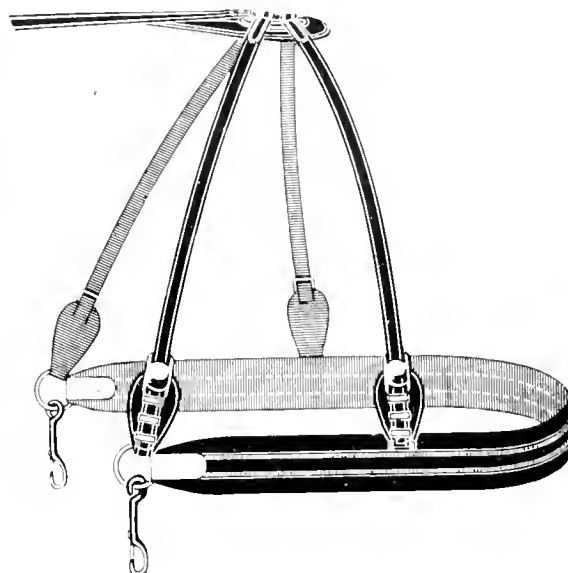
## Harness Breeching



No. 31. Stage Breeching.

Wide Fold, with Layer, Double-in Rings, Brass Trimmings, Snaps.

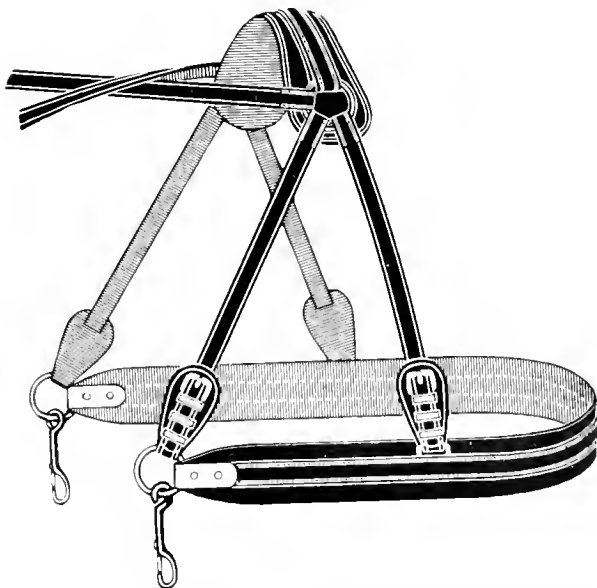
Size, inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Set	\$8.00	9.00	10.00



No. 32. Stage Breeching.

Folded, with Layer, Metal Clips and Loops, Snaps.

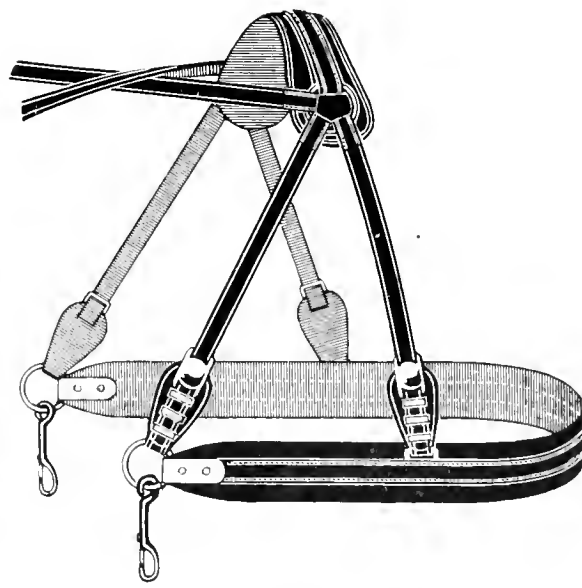
Size, inches	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Set	\$5.00	5.50	6.00	6.50	7.00	8.50



No. 34. Yankee Breeching.

Folded, with Layer, Metal Loops and Clips, Snaps.

Size, inches	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$
Per Set	\$5.50	6.50	7.25	8.00	9.00	10.00



No. 37. Yankee Breeching.

Folded, with Layer, Metal Clips, Brass Loops and Buckle Shields, Snaps.

Size, inches	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Per Set	\$5.50	6.00	6.50	7.00	7.70	9.50

## Flat Harness Breeching



No. 40. Flat Breeching.

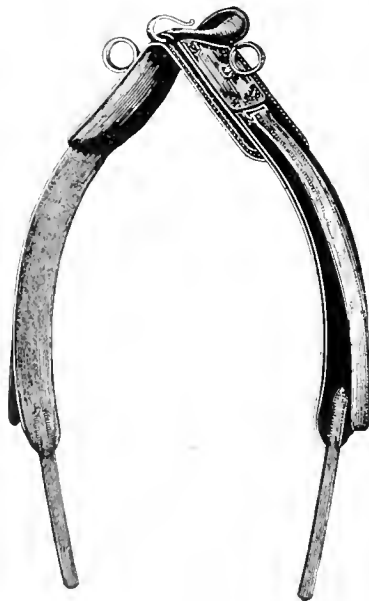
Size	Bodies.	Hips	Stays.	Gallis Straps.	Per Set.
2 -inch	2 -inch	1 -inch	7 $\frac{1}{2}$ -inch	7 $\frac{1}{2}$ -inch	\$3.60
2 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	7 $\frac{1}{2}$ "	7 $\frac{1}{2}$ "	4.50
3 "	3 "	2 "	1 "	1 "	5.50
3 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	6.30
4 "	4 "	3 "	1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "	7.30



No. 46. Flat Breeching.

Size.	Bodies	Hips.	Stays.	Gallis Straps.	Per Set
2 -inch	2 -inch	1 -inch	1 -inch	7 $\frac{1}{2}$ -inch	\$4.20
2 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	7 $\frac{1}{2}$ "	5.30
3 "	3 "	2 "	2 "	1 "	6.30
3 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	7.50
4 "	4 "	3 "	3 "	1 $\frac{1}{4}$ "	8.40

## Express Saddles

Short Leather Pad, Harness Leather Single Strap  
Skirts, Iron Jockey.

	Each.
No. 44—X C Plate. 4 inches	\$4.60
No. 45— " " 5 "	6.00
No. 46—Brass Trimmed. 4 inches	5.00
No. 47— " " 5 "	6.80



Enamelled Leather, Full Pad, Patent Leather Skirts.

	Each.
No. 55 —X C Plate. 5 inches	\$7.50
No. 55 $\frac{1}{2}$ — " " 5 $\frac{1}{2}$ "	8.30
No. 56 —Brass Trimmed. 5 inches	8.50
No. 56 $\frac{1}{2}$ — " " 5 $\frac{1}{2}$ "	9.20



## Harness Saddles



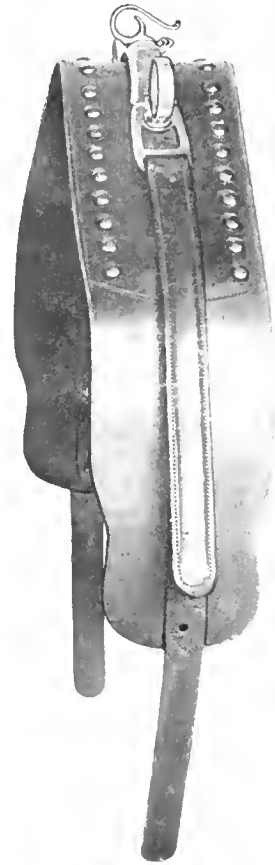
Patent Leather Jockey, Spring Tree, Leather Pad, Patent Leather Skirts, Leather Lined, Nickered, Brass or Imitation Rubber Trimmings.

No. 13—3 inches wide, 1 inch Bearers ..... Each. \$1.40



Iron Jockey Tree, Split Leather Pad, Harness Leather Skirts, Japanned or X C Trimmings.

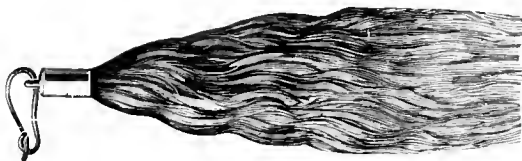
	Each.
No. 22 <sup>1</sup> / <sub>2</sub> —2 <sup>1</sup> / <sub>2</sub> inches wide, 7 <sup>1</sup> / <sub>2</sub> inch Bearers	\$2.10
No. 23 —3 inches wide, 1 inch Bearers	2.40
No. 23 <sup>1</sup> / <sub>2</sub> —3 <sup>1</sup> / <sub>2</sub> inches wide, 1 inch Bearers	2.70



Harness Leather Skirts, Short Leather Pad, S. A. Tree, Brass Spots, 1<sup>1</sup>/<sub>2</sub>-inch Bearers.

	Each.
No. 35—5 inches wide, X C Trimmed	\$7.60
No. 36—6 inches wide, X C Trimmed	8.50
No. 45—5 inches wide, Brass Trimmed	8.50
No. 46—6 inches wide, Brass Trimmed	9.50

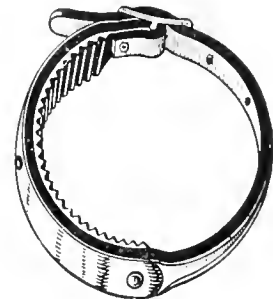
## Tassels and Tail Bands



Hair Tassels.

Assorted Colors—Red, Orange or Green.

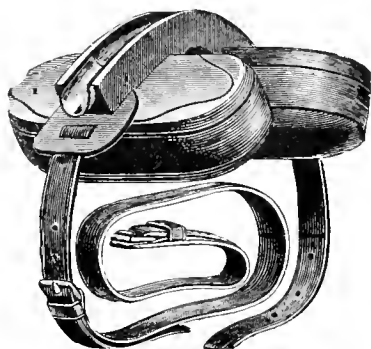
Length, inches	10	12	15
Dozen Pairs	\$4.00	5.00	6.00



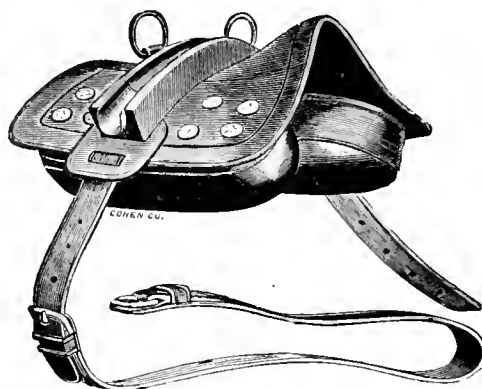
Tail Bands.

	Per dozen.
No. 5—Nickel Plated	\$2.00

## Cart Saddles and Pads



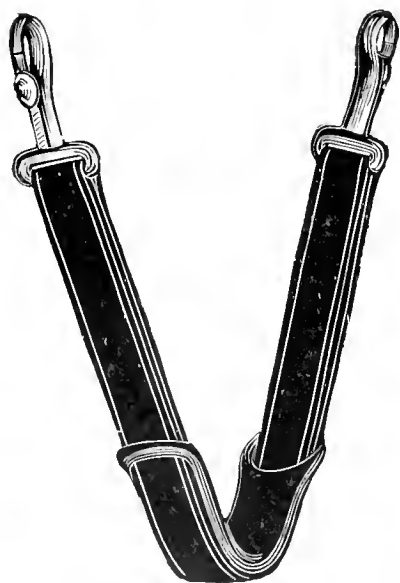
No. 122.



No. 125.

				Each
No. 122—Short Leather Covered Saddle.	Leather Pad.	1 $\frac{3}{4}$ -inch Girth.	1 $\frac{1}{2}$ -inch Billet . . . . .	\$6.00
No. 125—Double Leather Covered Saddle.	" "	1 $\frac{3}{4}$ " " "	1 $\frac{1}{2}$ " " " . . . . .	8.50

## Breast Straps



Riveted, with Japanned Slides and X C Snaps.  
24 Inches Long.



Riveted, with Roller Snap, X C Snaps and Buckles.  
24 Inches Long.

	Dozen pairs.		Dozen pairs.
No. 1 $\frac{1}{4}$ —1 $\frac{1}{2}$ inches wide . . . . .	\$18.00	No. 21 $\frac{1}{2}$ —1 $\frac{1}{2}$ inches wide . . . . .	\$27.50
No. 1 $\frac{1}{2}$ —1 $\frac{1}{2}$ " " . . . . .	20.00	No. 21 $\frac{3}{4}$ —1 $\frac{3}{4}$ " " . . . . .	30.00
No. 1 $\frac{3}{4}$ —1 $\frac{3}{4}$ " " . . . . .	22.00	No. 22 —2 " " . . . . .	33.00

## Harness Parts



						Per dozen.
No. 12—Single Wagon Lines.	$\frac{7}{8}$ inch	x 13 feet	Creased.	Sewed on Snaps.	Riveted Buckles.	\$22.80
No. 13—	1	" x 13 "	"	"	"	27.00
No. 14—	$1\frac{1}{8}$	" x 13 "	"	"	"	32.00



						Per dozen.
No. 2—Single Buggy Lines.	$\frac{3}{4}$ x $\frac{7}{8}$ inch.		Buckle and Billet Sewed in.	Japaned Buckles.		\$30.00
No. 4—	$\frac{7}{8}$ x 1	"	"	"	"	32.40
No. 6—	1 x $1\frac{1}{8}$	"	"	"	"	36.00



						Per pair.
No. 23—Double Buggy Lines.	$\frac{3}{4}$ x $\frac{7}{8}$ inches		Creased.	Japaned Bar Buckles.		\$3.50
No. 25—	$\frac{7}{8}$ x 1	"	"	"	"	4.00
No. 27—	1 x $1\frac{1}{8}$	"	"	"	"	4.40



						Per dozen.
No. 120—Double Wagon Check Lines.	Light Weight.	$\frac{7}{8}$ inch x 16 feet.		Snaps and Buckles Riveted on.		\$40.00
No. 121—	"	1	" x 16 "	"	"	44.00
No. 122—	"	$1\frac{1}{8}$	" x 16 "	"	"	50.00



						Per dozen.
No. 130—Double Wagon Check Lines.	Medium Weight.	$\frac{7}{8}$ inch x 16 feet.		Snaps and Buckles Sewed on		\$43.00
No. 131—	"	1	" x 16 "	"	"	47.00
No. 132—	"	$1\frac{1}{8}$	" x 16 "	"	"	54.00



### HALTER OR HITCH REINS.

With Snap Riveted on.

Width, inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen	\$4.00	4.80	5.70	6.40	8.00	9.20



### RIDING BRIDLE REINS.

Black or Fair Leather. Bar Buckles.

		Per dozen.
No. 2— $\frac{3}{4}$ -inch Leather.		\$6.80
No. 3— $\frac{7}{8}$ "		8.00
No. 4—1 "		9.50



### CHOKE STRAPS.

Black or Fair Leather. Bar Buckles.

		Dozen pairs.
No. 5— $\frac{7}{8}$ -inch Leather.		\$12.00
No. 6—1 "		14.00
No. 7— $1\frac{1}{4}$ "		18.00



		Dozen pairs.
No. 2—Hold Back Straps.	$\frac{7}{8}$ -inch Leather. Union Loop Buckles. Riveted on.	\$10.00
No. 3—	1 " " " " " "	12.00
No. 4—	$1\frac{1}{4}$ " " " " " "	14.00
No. 5—	$1\frac{1}{2}$ " " " " " "	16.00

## Harness Parts



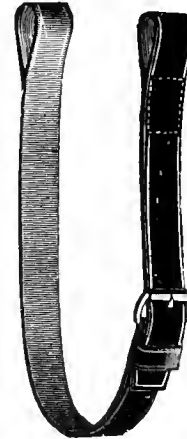
Hame Housing.

				Per pair.
15 x 36 inches.	Black Harness Leather.			\$ 9.00
18 x 40	"	"	"	11.00



Trace Pipes.

Length, inches	30	36	42
Per Set of Four	\$4.00	4.80	6.00



Flat Wagon Belly Bands.

Width, inches	1½	2	2½
Sewed, per dozen	\$8.50	11.50	15.50
Riveted, per dozen	7.00	10.00	14.00



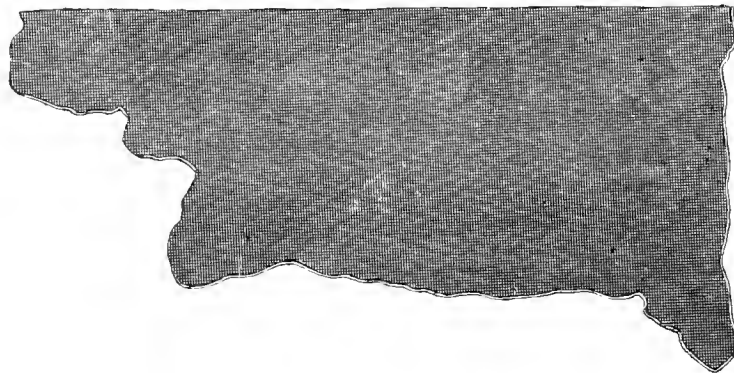
Yoke Straps.

Width, inches	1⅛	1¼	1½
Dozen Pairs	\$13.00	15.00	19.00



No. 253—Spread Straps.	¾ inch.	To Buckle.	Three Duranoid Rings, Red, White and Blue	Dozen pairs.	\$8.00
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## Harness Leather



Harness Leather Sides.	Oak Tanned Packer Hides.	No. 1 Grade.	Weights from 18 to 25 lbs.	Per lb.
"	"	No. 2	" " 14 to 18 "	
"	"	No. 2	Uniform Weights	

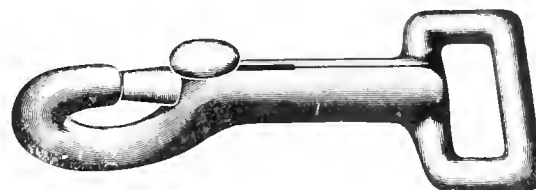
## Harness Snaps



No. 14. Bolt Snaps. Round Eye.

X C Plate.

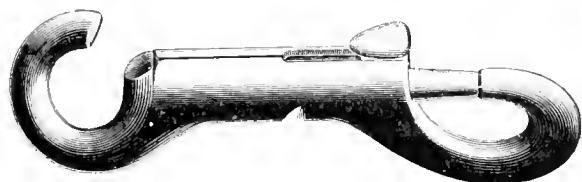
Inch	1 1/2	5/8	3/4
Per Gross	\$4.80	5.00	5.20
Gross in Box	1 1/2	1 1/2	1 1/2



No. 15. Bolt Snaps. Loop Eye.

X C Plate.

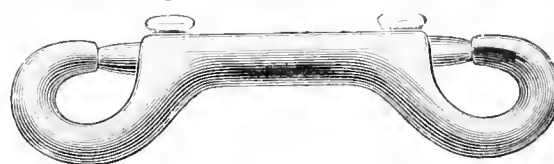
Inches	3/4	7/8	1	1 1/8	1 1/4	1 1/2	2
Per Gross	\$1.38	1.38	4.38	6.00	7.10	8.00	9.80
Gross in Box	1 1/2	1 1/2	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4



Bolt Snaps. Open Eye.

X C Plate.

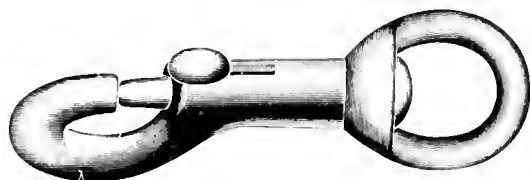
No. 251—3/4-inch.	Light Bit Snap	Per gross.	\$5.20
No. 252—3/4 "	Medium Chain Snap		6.20
No. 253—1 1/2 "	Heavy Trace Snap		9.40

*Half Gross in a Box*

Double Bolt Snaps.

X C Plate.

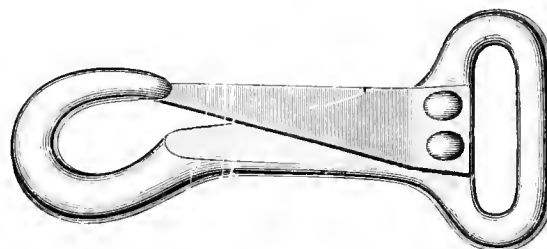
No. 261—Light Pattern	Per gross.	\$9.00
No. 262—Medium Pattern		10.80
No. 263—Heavy Pattern		13.50



No. 16. Bolt Snaps. Swivel Eye.

X C Plate.

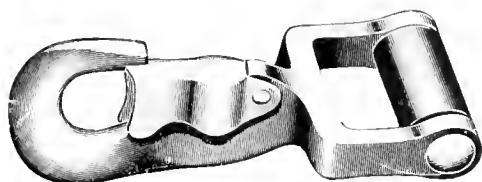
Inch	5/8	3/4	7/8	1
Per Gross	\$7.90	9.00	11.00	17.20
Gross in Box	1 1/2	1 1/2	1 1/4	1 1/4



No. 210. German Snaps.

Bronzed.

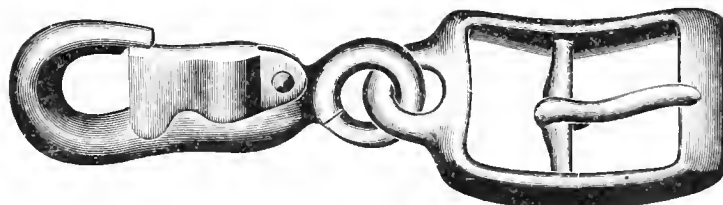
Inches	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2
Per Gross	\$2.40	2.40	2.40	2.40	2.70	4.20	5.50
Gross in Box	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/4	1 1/4



No. 85. Breast Strap Roller Snaps.

X C Plate.

Inches	1 1/4	1 1/2	1 3/4	2
Per Dozen	\$1.84	2.00	2.16	2.32

*One Dozen in a Box.*

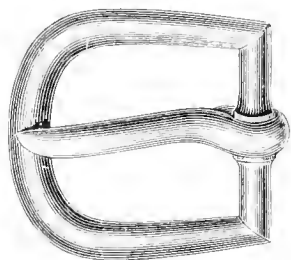
No. 94. Breast Strap Buckle Snaps.

X C Plate.

Inches	1 1/2	1 3/4
Dozen Pairs	\$2.25	2.75

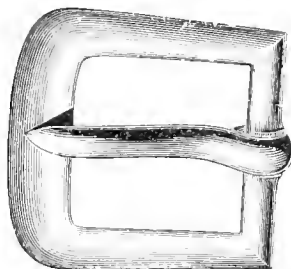
*Half Dozen Pairs in a Box.*

## Harness Buckles



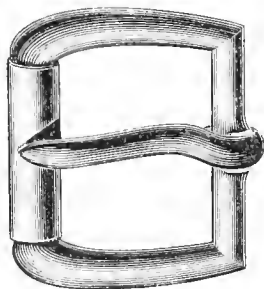
No. 2. Horseshoe Harness Buckles.  
Japanned.

Inches . . . . .	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Gross . . .	\$1.20	1.45	1.90	2.45	3.30	4.00	6.00
Gross in Box . .	2	1	1	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$



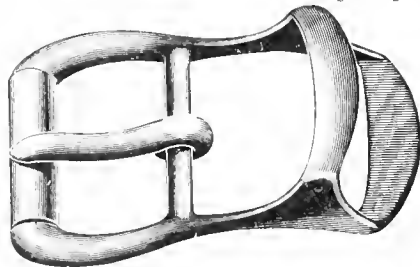
No. 20. Plain "Sensible" Harness Buckles.  
Japanned.

Inches . . . . .	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Gross . . .	\$1.90	2.50	3.10	3.90	4.70	6.30
Gross in Box . .	1	1	1	1	1	$\frac{1}{2}$



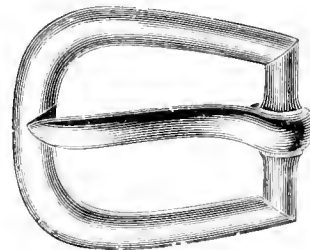
No. 50X. Barrel Roller Harness Buckles.  
Japanned.

Inches . . . . .	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per Gross . . .	\$1.40	1.65	2.00	2.30	3.20	3.80	4.80	5.80
Gross in Box . .	2	1	1	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$



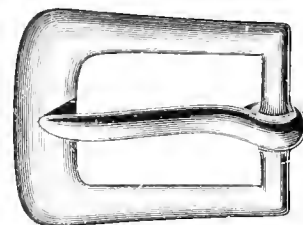
No. 93. Warner Union Loop Buckles.  
Japanned.

Inches . . . . .	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per Gross . . .	\$5.10	5.80	6.70	8.00	10.10	13.80
Gross in Box . .	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{6}$



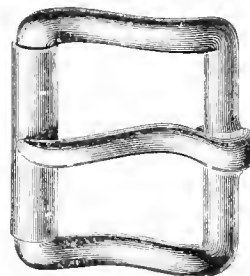
No. 4. Horseshoe Trace Buckles.  
Japanned.

Inches . . . . .	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per Dozen . . . .	\$0.30	.35	.40	.50	.65	.80
Dozen in Box . .	2	2	2	2	2	2



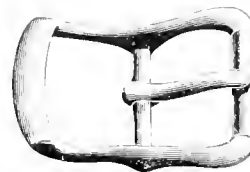
No. 22. Plain "Sensible" Trace Buckles.  
Japanned.

Inches . . . . .	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Dozen . . . .	\$0.45	.60	.70	.90	1.20
Dozen in Box . .	2	2	2	2	2



No. 74. Malleable Roller Harness Buckles.  
Japanned.

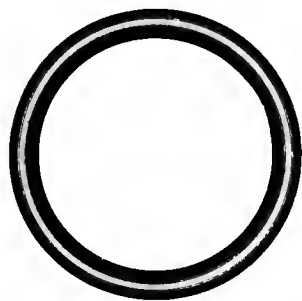
Inches . . . . .	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per Gro. . . . .	\$1.00	1.25	1.65	2.00	2.50	2.75	3.25	4.00	5.20
Gross in Box . .	2	2	1	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$



No. 161. Loop Roller Harness Buckles.  
Japanned.

Inches . . . . .	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Gross . . .	\$1.70	2.50	3.25	3.70	4.60	5.50	7.20
Gross in Box . .	1	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$

## Harness Hardware



### Japanned Harness Rings.

Inches .....	1½	5⁄8	¾	7⁄8	1	1⅛	1¼
Per Gross .....	\$0.54	.54	.58	.68	.86	.96	1.14
Gross in a Box.....	2	2	2	1	1	1	1

### Japanned Breeching Rings.

Inches .....	1¼	1⅜	1½	1¾	2	2¼	2½	2¾	3
No. 4 Gauge, per gross.....	\$1.25	....	1.45	1.55	1.70	....	....	....	....
No. 3 " " " " .....	1.45	1.60	1.80	2.05	2.20	....	2.70	....	....
No. 2 " " " " .....	1.80	2.00	2.15	2.40	2.70	3.05	3.40	....	....
No. 0 " " " " .....	....	....	....	4.10	4.40	5.10	5.60	5.95	6.30
Gross in a Box.....	1	½	½	½	½	¼	¼	¼	¼

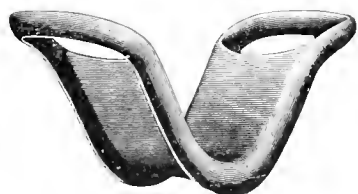
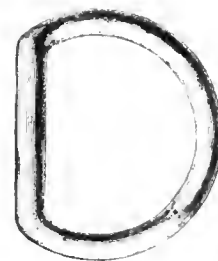
### Harness and Breeching Dees.

#### Medium Pattern.

Inches .....	5⁄8	¾	7⁄8	1	1⅛	1¼	1½	1¾	2
Per Gross .....	\$0.68	.78	1.00	1.30	1.44	1.54	2.64	3.26	4.20
Gross in a Box.....	2	2	1	1	1	1	½	½	½

#### Heavy Pattern.

Inches .....	1	1¼	1½	1¾	2
Per Gross .....	\$1.54	2.40	3.36	4.56	6.04
Gross in a Box.....	½	½	½	¼	¼



### Breast Strap Slides.

#### Malleable Iron. Standard Weight. Japanned.

Size .....	1¼	1½	1¾
Weight per gross, lbs.....	35	40	45
Per Gross .....	\$6.25	6.25	7.25

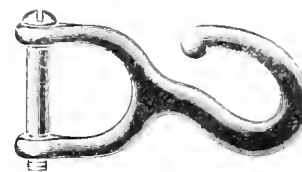
*One-Twelfth Gross in a Box.*

### Heavy Team Trace Hooks.

#### With Screw and Roller.

Size, inches .....	1½	1¾	2	2¼
Per Dozen .....	\$1.50	1.60	1.80	2.10

*One Dozen in a Box.*



### Martingale Rings.

#### Duranoid. Red, White and Blue.

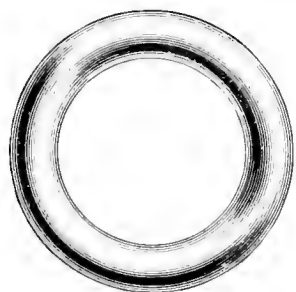
Nos. ....	0	1	2	3	4	5
Size, inches .....	1¼	1½	1¾	1¾	1¾	2
Per Gross .....	\$9.00	10.00	11.00	12.00	15.00	18.00

*Three Dozen in a Box.*

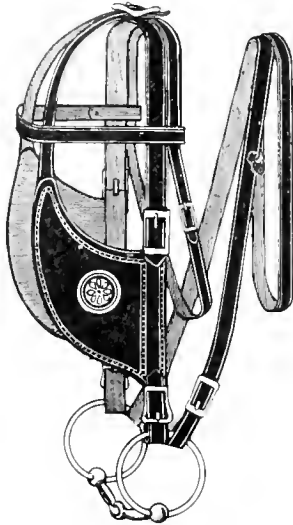
#### Wood. Red, White and Blue.

Nos. ....	2	3	4
Size, inches .....	1¾	2	2¼
Per Gross .....	....	....	....

*One Dozen in a Box.*

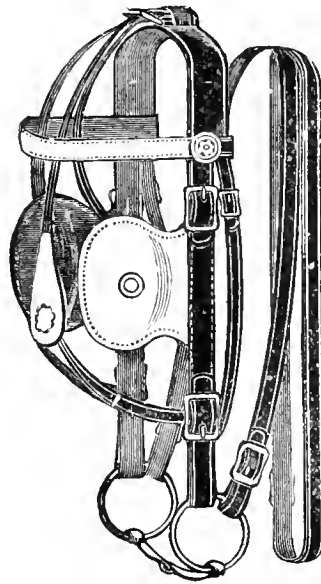


## Team Bridles



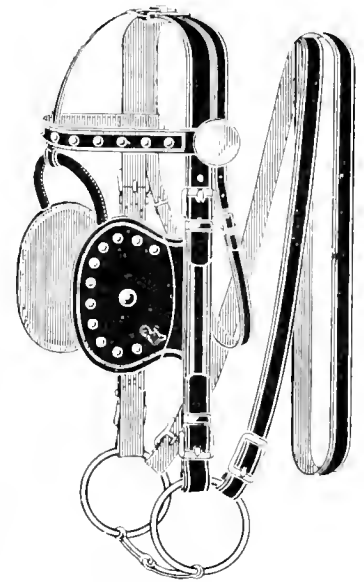
All Black Leather, Pigeon-Wing Blinds, Flat Winker Stays, Japanned Buckles, X C Bit

	Per dozen.
No. 1— $\frac{3}{4}$ -inch Leather	\$12.00
No. 2— $\frac{7}{8}$ " "	14.00
No. 3—1 " "	16.00
No. 4—1 $\frac{1}{4}$ " "	19.50



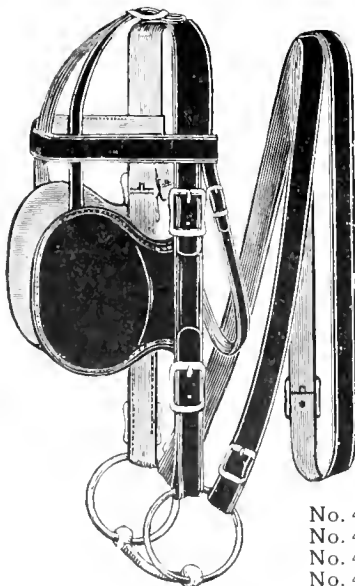
Black Leather, Red Patent Leather Front, Face Piece, and Round Cupped Blinds, Round Winker Stays, Japanned Buckles, X C Bit.

	Per dozen.
No. 21— $\frac{7}{8}$ -inch Leather	\$23.00
No. 22—1 " "	25.00
No. 23—1 $\frac{1}{8}$ " "	27.00
No. 24—1 $\frac{1}{4}$ " "	29.00



Black Leather, Patent Leather Round Cupped Blinds and Front, Brass Spots and Rosettes, Round Winker Stays, Japanned Buckles, X C Bit

	Per dozen.
No. 31— $\frac{7}{8}$ -inch Leather	\$19.00
No. 32—1 " "	21.00
No. 33—1 $\frac{1}{8}$ " "	23.00
No. 34—1 $\frac{1}{4}$ " "	25.00



No. 222.

Black Leather, Patent Leather Blinds and Fronts, Round Cupped Blinds, Flat Winker Stays, Japanned Buckles, X C Bits

	Per dozen.
No. 42— $\frac{7}{8}$ -in Leather	\$17.00
No. 43—1 " "	19.00
No. 44—1 $\frac{1}{8}$ " "	21.00
No. 45—1 $\frac{1}{4}$ " "	24.00

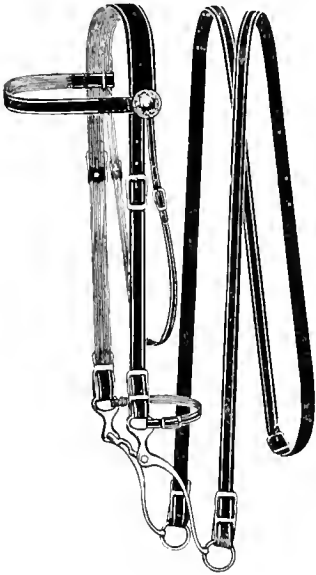


Very Best Grade Black Harness Leather, Patent Leather Pigeon-Wing Blinds, Cupped with Metal Centers, Round Winker Stays, Patent Leather Drop Forepiece, Brass Spots, Solid Brass Trimmings, X C Bit. Made in one size only.

	Per dozen.
No. 50—1-inch Leather	\$48.00
No. 51—With Nose Band	50.70

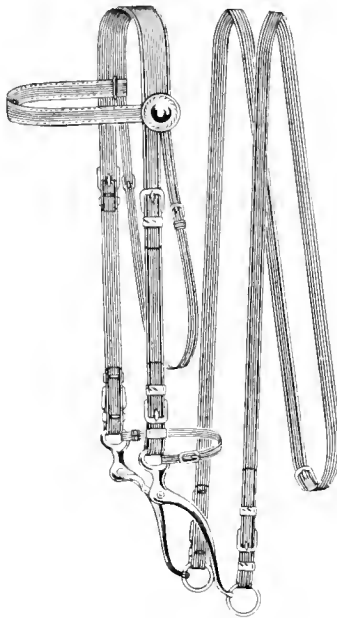


## Riding Bridles



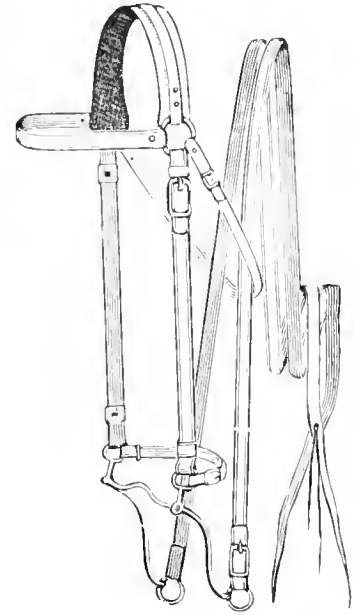
Black Leather, X C Port Bit.

	Per dozen.
No. 12— $\frac{3}{4}$ -inch Leather	\$16.00
No. 13— $\frac{7}{8}$ " "	18.00
No. 14—1 " "	20.00
No. 15—1 $\frac{1}{8}$ " "	22.00



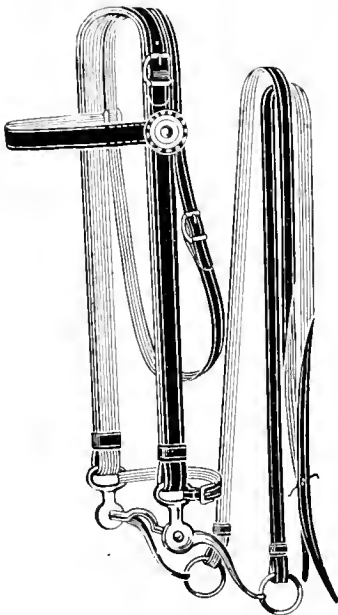
Black or Fair Leather, X C Port Bit.

	Per dozen.
No. 61— $\frac{3}{4}$ -inch Leather	\$17.00
No. 62— $\frac{7}{8}$ " "	19.00
No. 63—1 " "	21.00
No. 64—1 $\frac{1}{8}$ " "	23.00



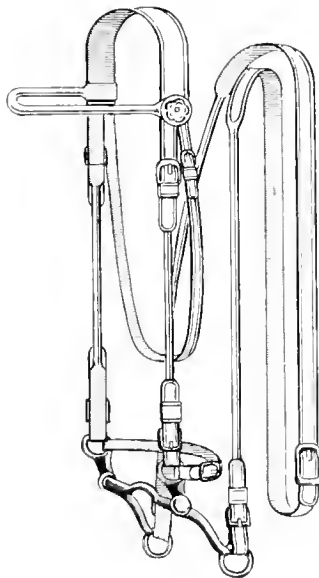
Whitman Bridle. Black or Fair Leather, X C Port Bit.

	Per dozen.
No. 70— $\frac{3}{4}$ -inch Leather	\$23.00
No. 71— $\frac{7}{8}$ " "	25.00
No. 72—1 " "	27.00



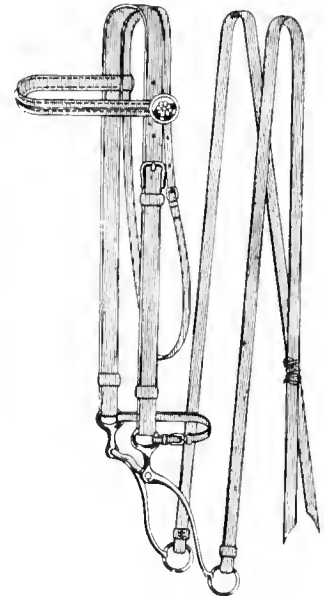
Texas Bridle. Black or Fair Leather, Double Head Stall, Felt Crown, X C Port Bit.

	Per dozen.
No. 76— $\frac{1}{2}$ -inch Leather	\$16.00
No. 77— $\frac{5}{8}$ " "	18.00
No. 78— $\frac{3}{4}$ " "	20.00
No. 79— $\frac{7}{8}$ " "	22.00



Round Leather Bridle. Black or Fair, Flat Crown, X C Port Bit.

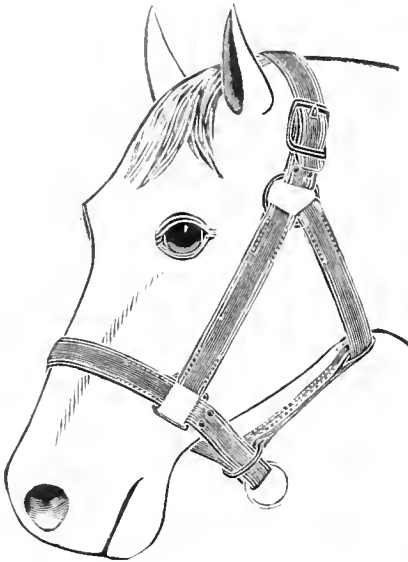
	Per dozen.
No. 90— $\frac{3}{4}$ -inch Leather	\$23.00



Hand-Made Texas Bridle. Black or Fair Leather, Double Head Stalls, X C Port Bit.

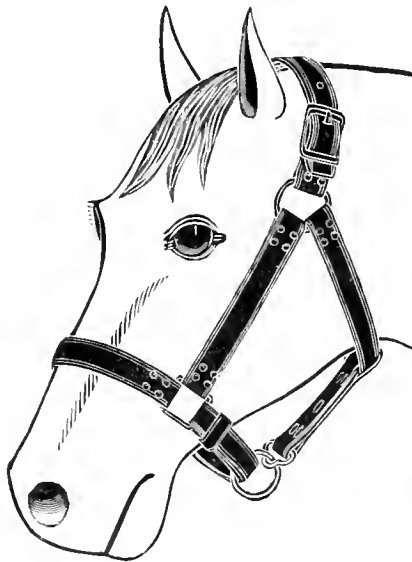
	Per dozen.
No. 95—1 $\frac{1}{8}$ -inch Leather	\$30.00

## Leather Halters



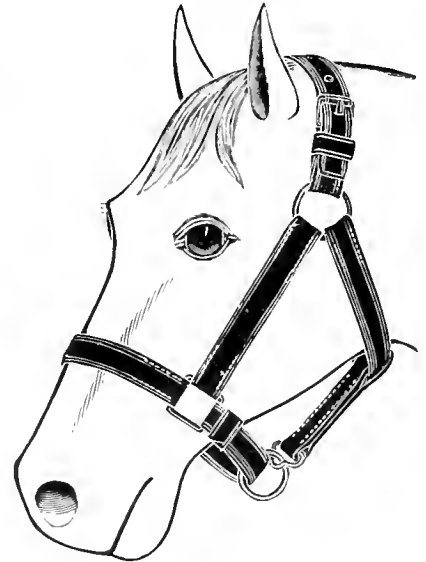
Sewed Six-Ring Halters.  
Black Leather.

	Per dozen.
No. 470—1 -inch	\$4.70
No. 480—1 $\frac{1}{4}$ "	5.95
No. 490—1 $\frac{1}{2}$ "	7.00



Riveted Five-Ring Halters.  
Black Leather.

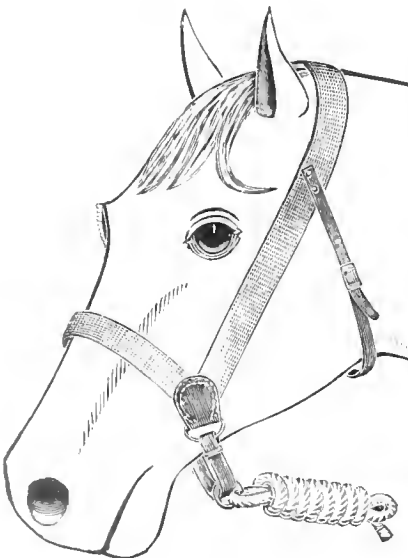
	Per dozen.
No. 489—1 -inch	\$4.70
No. 499—1 $\frac{1}{4}$ "	5.95



Hand-Sewed Five-Ring  
Halters.  
Black Leather.

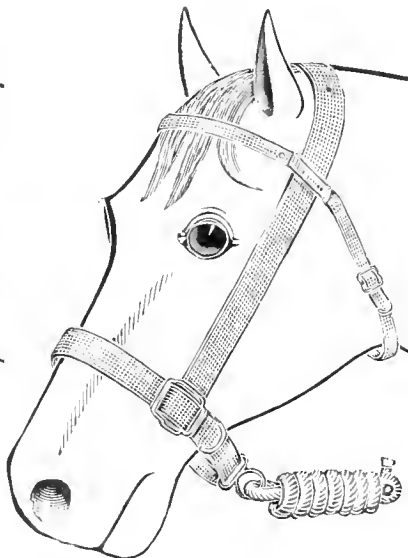
	Per dozen.
No. 600—1 $\frac{1}{4}$ -inch	\$6.45

## Web and Rope Halters



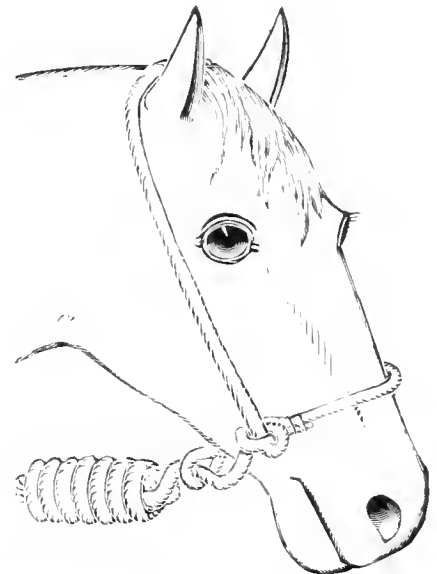
Sewed Web Halters.  
Assorted Colors.

	Per dozen.
No. 431—Web Trimmed	\$1.30
No. 432—Leather Trimmed	1.45



Champion Adjustable Halters.  
Assorted Colors.

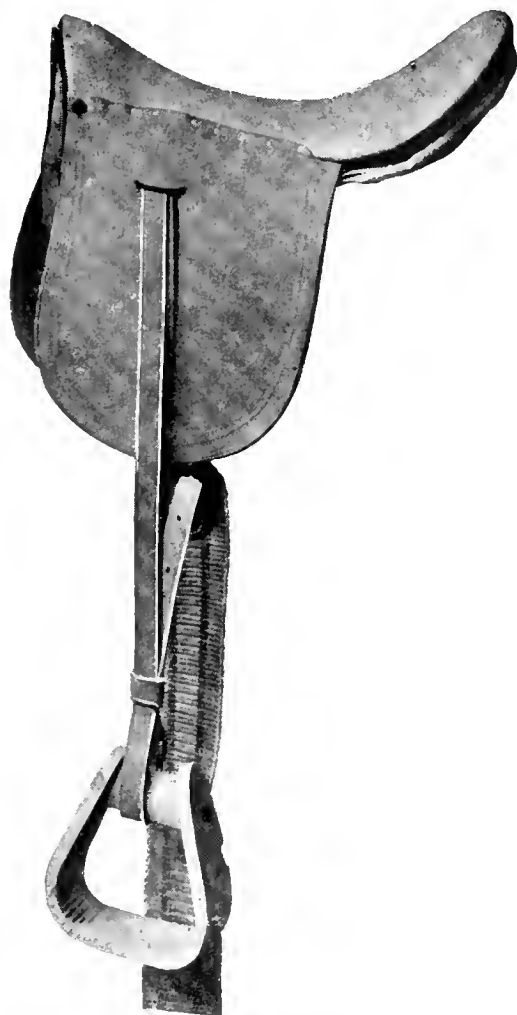
	Per dozen.
No. 255—All 13-Cord Web	\$1.70



Adjustable Rope Halters.  
Metal Spliced Loops.

	Per dozen.
No. 787—1 $\frac{1}{2}$ -inch Sisal	\$0.65
No. 793—5/8 " "	.85

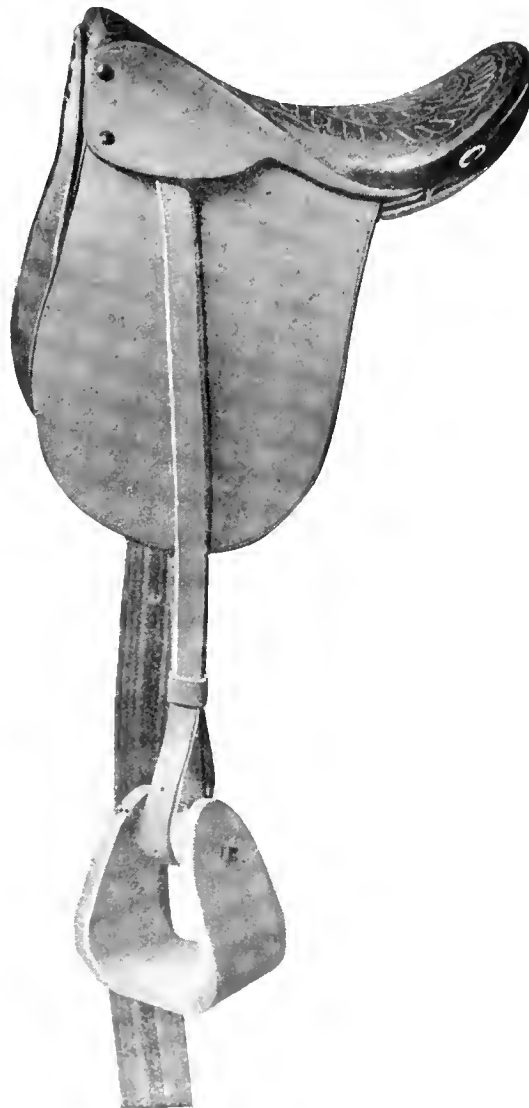
## Riding Saddles



No. 90. Somerset.

Tree.....	15½ x 11½ inches
Skirts.....	9 x 16 inches
Stirrup Leathers.....	7½ inch
Stirrups.....	3 inches
Girth.....	Fancy cotton
Pad.....	Hair stuffed
Leather.....	Fair

Each, \$4.50

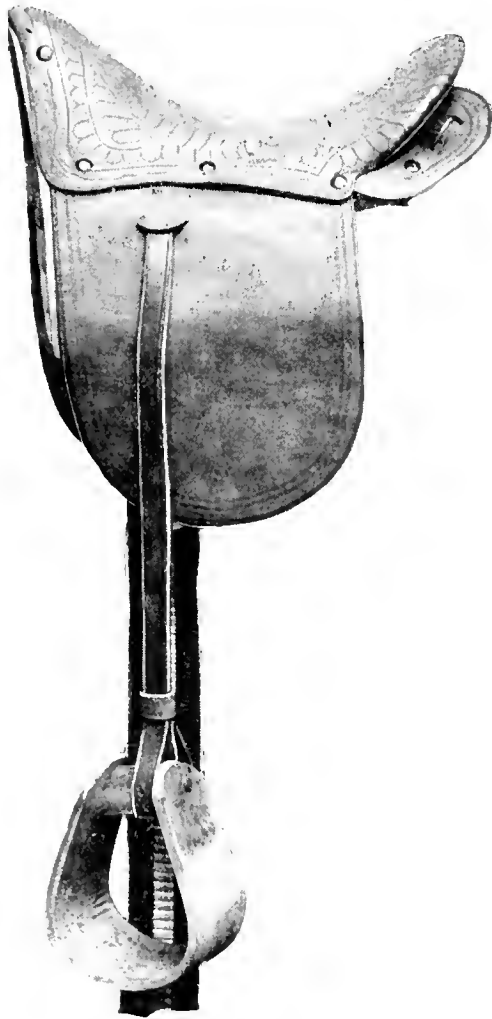


No. 92. Somerset.

Tree.....	15½ x 11½ inches
Skirts.....	10½ x 19 inches
Stirrup Leathers.....	1 inch
Stirrups.....	4 inches
Girth.....	Fancy cotton
Pad.....	Hair stuffed
Leather.....	Fancy, with black enamel leather seat, quilted
Seamed Jockeys.....	

Each, \$8.00

## Riding Saddles



No. 55. Kilgore.

Tree	16 $\frac{1}{2}$ inches
Skirts	10 $\frac{1}{2}$ x 18 inches
Stirrup Leathers	1 inch
Stirrups	4 inches
Girth	Fancy cotton
Seat	Calf, padded and quilted
Pad	Sheeting lined
Leather	Fair

Each, \$9.00.

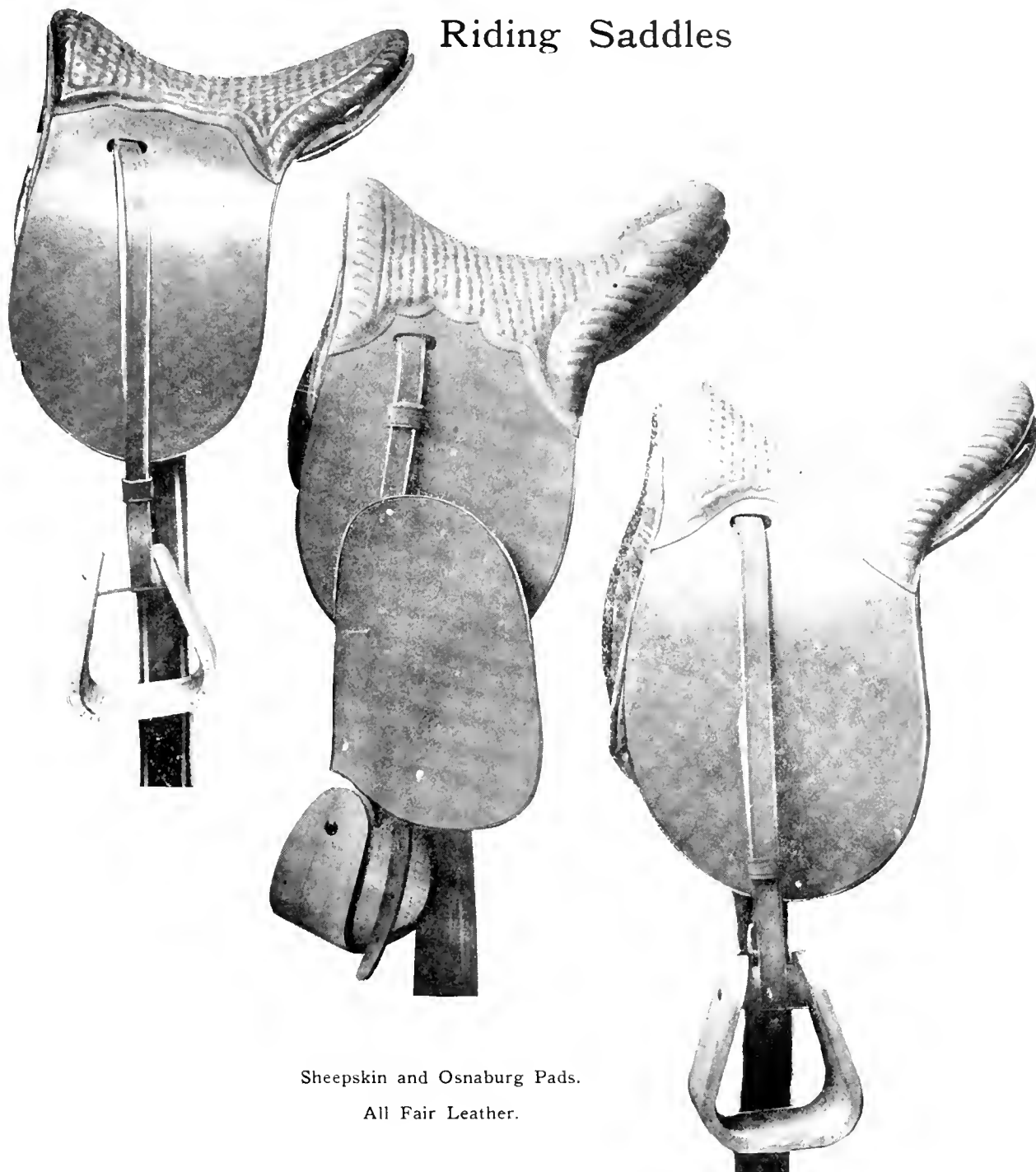


No. 58. Kentucky Kilgore.

Tree	17 inches
Skirts	11 $\frac{3}{4}$ x 20 inches
Stirrup Leathers	1 $\frac{1}{8}$ inches
Stirrups	4 inches
Girth	11-cord
Seat	Plain, seamed jockeys, leather housing
Pad	Osnaburg lined
Leather	Fair

Each, \$10.50.

## Riding Saddles



Sheepskin and Osnaburg Pads.

All Fair Leather.

### No. 120. Imitation Spring Seat.

Tree.....16 inches, Somerset  
 Skirts.....11 x 20 $\frac{1}{2}$  inches  
 Stirrup Leathers.....1 inch  
 Stirrups.....4 inches  
 Girth .....10-cord  
 Seat, Calf, star stitched, hand raised  
 Each, \$11.50

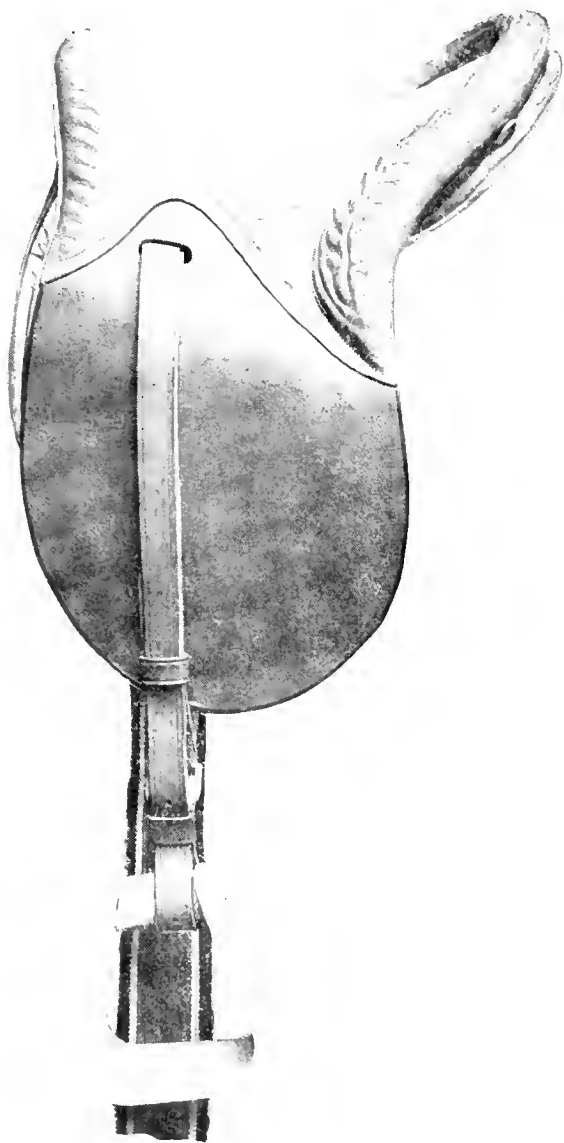
### No. 127. Ky. Spring Seat.

Tree.. 16 inches, Ken'ky Somerset  
 Skirts.....11 $\frac{1}{2}$  x 20 $\frac{1}{2}$  inches  
 Fenders.....8 $\frac{3}{4}$  x 13 $\frac{1}{4}$  inches  
 Stirrup Leathers.....1 $\frac{1}{8}$  inches  
 Stirrups.....4 inches  
 Girth .....10-cord  
 Seat.....Calf, roll cattle  
 Each, \$15.50.

### No. 121. Ky. Spring Seat.

Tree .... 16 x 13 inches, Somerset  
 Skirts.....12 $\frac{3}{4}$  x 23 inches  
 Stirrup Leathers.....1 $\frac{1}{8}$  inches  
 Stirrups.....4 inches  
 Girth .....11-cord  
 Seat Calf, star stitched, hand raised  
 Each, \$15.00.

## Riding Saddles



No. 122. Kentucky Spring Seat.

Tree.....	16 x 13 inches, Kentucky Somerset
Skirts.....	12 <sup>3</sup> / <sub>4</sub> x 23 inches
Stirrup Leathers.....	1 <sup>1</sup> / <sub>4</sub> inches
Stirrups.....	4 inches
Girth.....	13-cord
Seat.....	Calf, star stitched, hand raised, roll cantle
Pad.....	Sheepskin and Osnaburg
Leather.....	Fair

Each, \$16.50



No. 128. Kentucky Spring Seat.

Tree.....	16 x 13 inches, Kentucky Somerset
Skirts.....	12 <sup>1</sup> / <sub>2</sub> x 23 inches
Stirrup Leathers.....	1 <sup>1</sup> / <sub>4</sub> inches
Stirrups.....	4 inches
Girth.....	11-cord
Seat.....	Calf, star stitched, hand raised
Pad.....	Sheepskin, Osnaburg lined
Leather.....	Fair

Each, \$15.00

## Riding Saddles



No. 175. McClellan.

Tree...16½ inches, full leather covered, with brass shields, and coat straps.

Skirts.....Square, round corners  
 Fenders.....8½ x 14½ inches  
 Stirrup Leathers.....1½ inches  
 Stirrups.....4 inches  
 Girth.....Gray hair, Texas ring  
 Leather.....Black or fair

Each, \$16.00



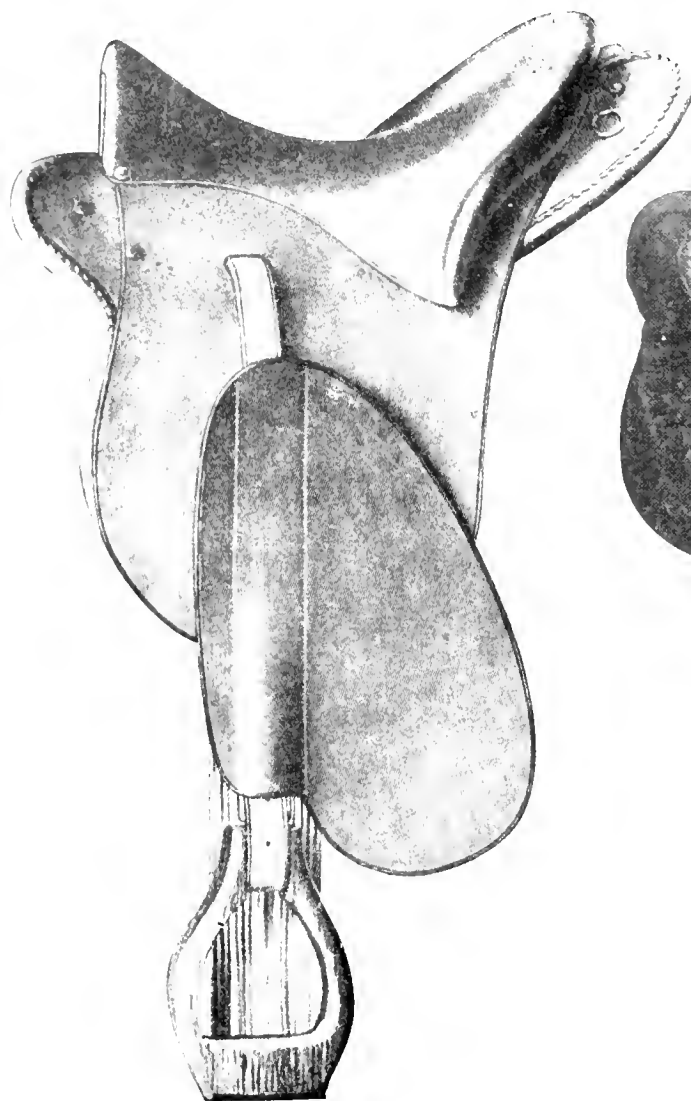
No. 176. McClellan.

Tree...17 inches, rawhide covered, with brass shields, and coat straps

Skirts.....Square, round corners  
 Fenders.....8¾ x 15½ inches  
 Stirrup Leathers.....1¼ inches  
 Stirrups.....4 inches, leather covered  
 Girth.....Gray hair, Texas ring  
 Leather.....Black or fair

Each, \$16.00.

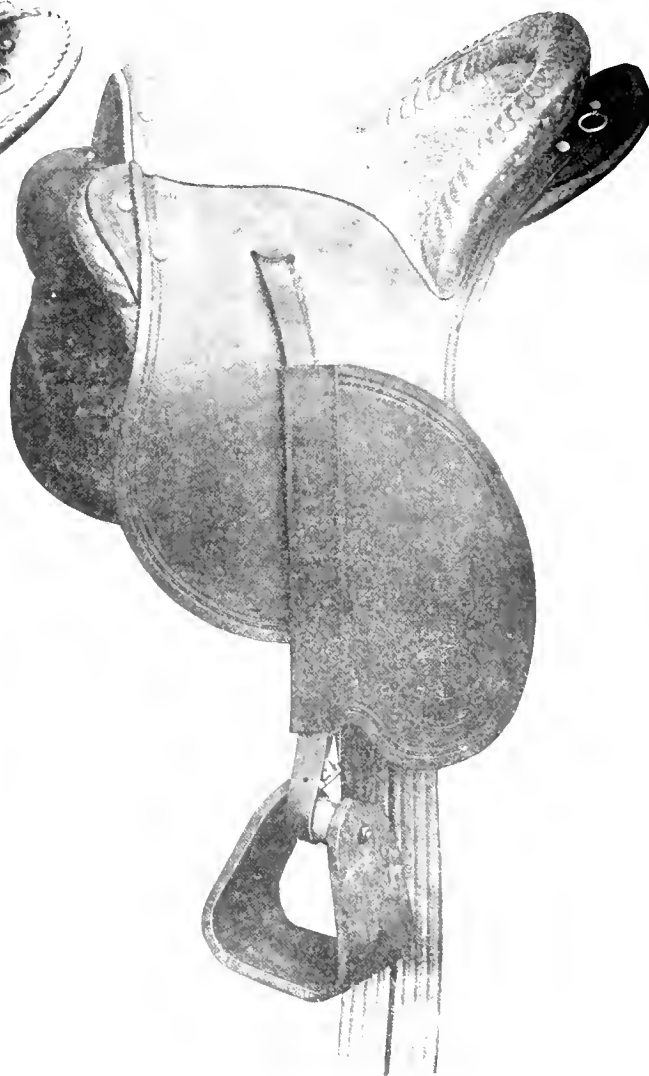
## Riding Saddles



No. 142. Buena Vista.

Tree	18 inches
Skirt	23 inches
Seat	Plain kip
Fenders	17 x 9 1/2 inches, patent loop
Stirrup Leathers	1 1/8 inches
Tie Strap and Rigging	1 1/8 inches
Girth	20 strand white cotton
Stirrups	5-inch, sawed Texas
Pads	Full sheep, linsey lined

Each, \$30.00



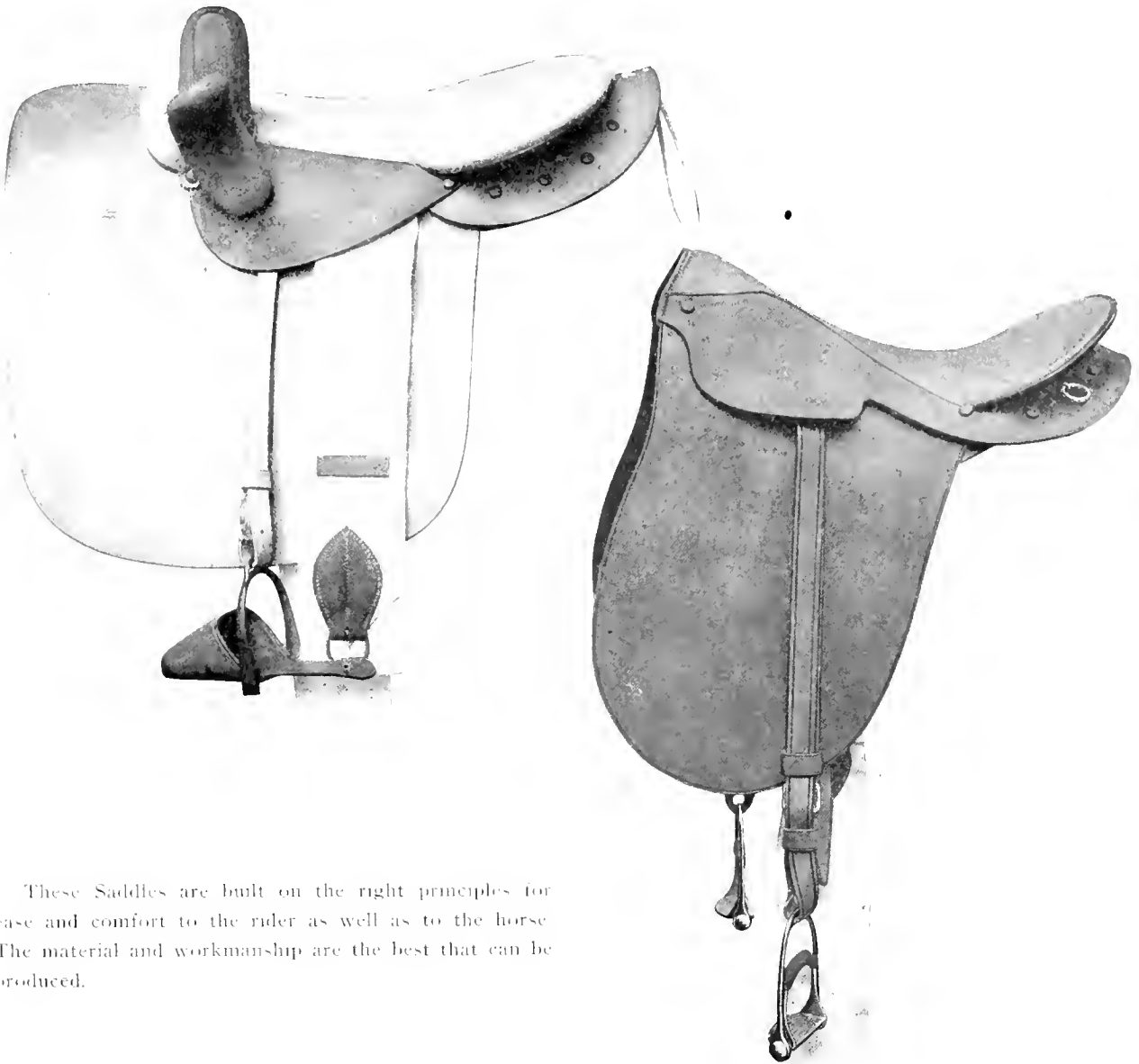
No. 145. Buena Vista.

Tree	18 inches
Skirt	25 inches
Seat	Calfskin, machine quilted, hand raised
Fenders	18 x 10 1/2 inches, patent loop
Stirrup Leathers	1 1/4 inches
Girth Straps	1 1/4 inches
Girth	Long buckle
Stirrups	5-inch, solid bent Texas
Pads	Full sheep, linsey lined

Each, \$35.00



## Ladies' Riding Saddles



These Saddles are built on the right principles for ease and comfort to the rider as well as to the horse. The material and workmanship are the best that can be produced.

### No. 223. Parkside Saddle.

Tree.....	18 inches, Park
Skirts.....	19 x 22 inches
Pad.....	Sheepskin, linsey lined
Girth.....	4 inches, white
Surcingle.....	4 inches, white
Stirrup .....	Slipper
Seat .....	Pigskin

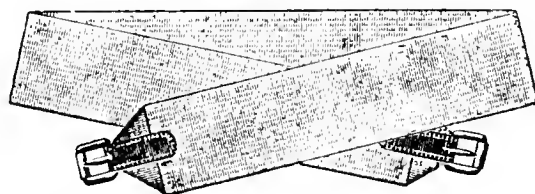
Each, \$30.00.

### No. 3W. Ladies' Astride Saddle.

Tree .....	17-inch, leather lined
Skirts .....	12½ x 22½ inches
Stirrup Leathers.....	1½ inches
Stirrups .....	Small safety
Girth .....	Plain white English web, buckle and tie
Seat .....	Genuine pigskin
Leather .....	Fair

Each, \$29.00.

## Saddle Parts



Plain Cotton Saddle Girths. With Buckles. 3 inches wide, 36 inches long. . . . . Per dozen, \$1.50



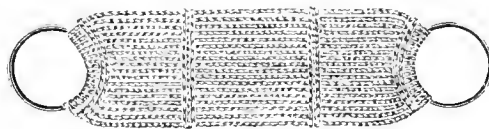
Corded Cotton Saddle Girths. With Rings. 30 and 36 inches long. . . . . Per dozen, \$2.40



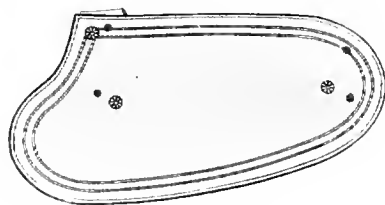
Corded Cotton Saddle Girths. With Buckles. 30 and 36 inches long. . . . . Per dozen, \$2.40



Texas Corded Cotton Saddle Girths.	20 Strand.	Plain	Per dozen,	\$5.00
" " " " "	20 "	1 Tongue	"	5.50
" " " " "	20 "	2 Tongues	"	6.00

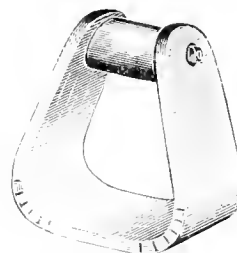


California Saddle Girths.	Soft Gray Hair	2 Bars	18 Strands	Per dozen,	\$8.60
" " " "	Hard " "	2 "	18 " 1 Cord	"	15.50



Saddle Fenders.

Size, 8 1/2 x 13 inches	Black or Fair.	Per pair,	\$1.80
" 8 1/2 x 15 1/4 "	" " " "	"	2.00
" 8 1/4 x 16 "	" " " "	"	2.30



Saddle Stirrups.

4 inches	Sawed Elm	Dozen pairs,	\$2.50
5 "	" "	"	3.00
6 "	" "	"	4.00



Stirrup Straps. To Buckle. Fair or Black Leather. 1 1/2 inch wide. . . . . Dozen pairs, \$12.00

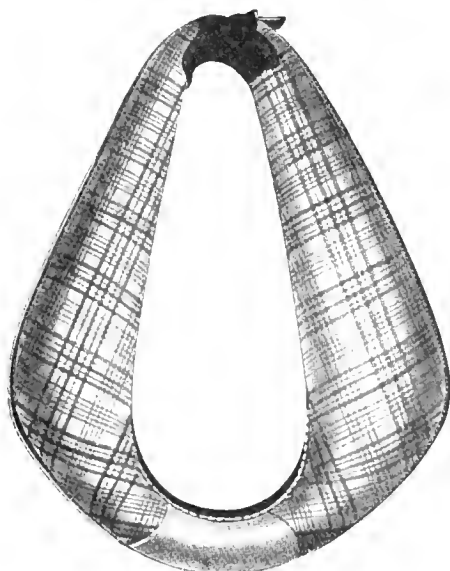
## Horse Collars



No. 104—Buggy Collar. Full Kip, Pieced Shoulder, Open Top. About 10½-inch draft

Per dozen.

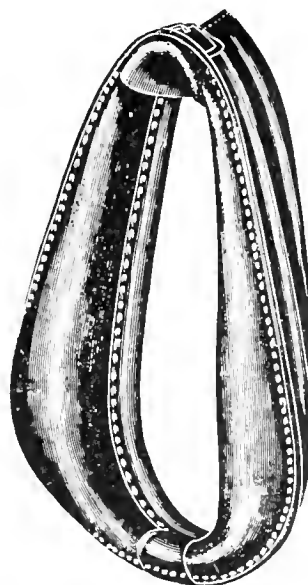
\$25.00



No. 11—Team Collar. Split Leather Back and Rim, Baker Print Face, all Thread-Sewed. About 14½-inch draft

Per dozen.

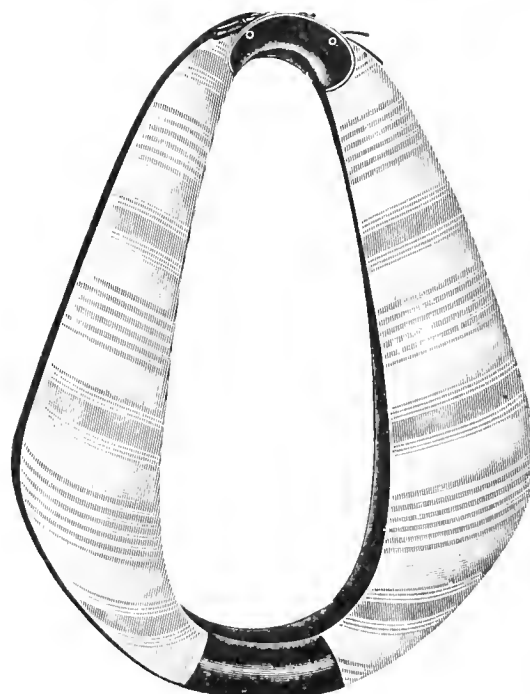
\$14.00



No. 9—Team Collar. Black Split Leather Back and Rim, Fair Collar Leather Face, Pop Stitched. About 13½-inch draft

Per dozen.

\$29.00

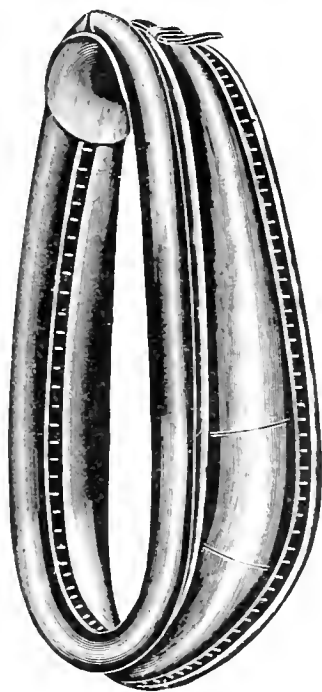


No. 14—Team Collar. Split Leather Back and Rim, Tick Face, all Thread-Sewed. About 14½-inch draft

Per dozen.

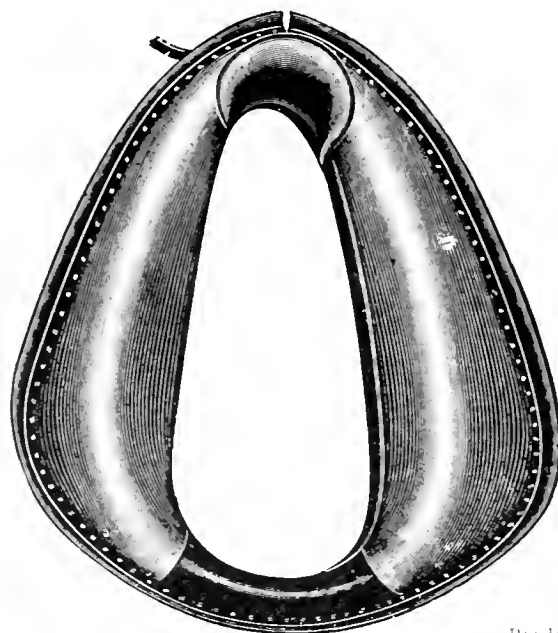
\$14.00

## Horse Collars



No. 3—Team Collar. Full Metal Stitched Black Collar. Leather Back and Rim. Fair Leather Face. Wool Face. About 14-inch draft. . . . .

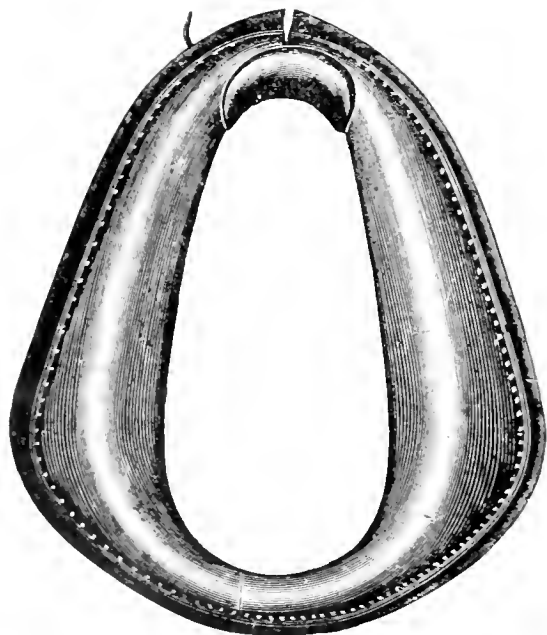
Per dozen



No. 60—Team Collar. Pop Stitched. Wool Face. Black Collar Leather Back and Rim. Fair Leather Face. Sole Leather Pad. About 15½-inch draft. . . . . \$48.00

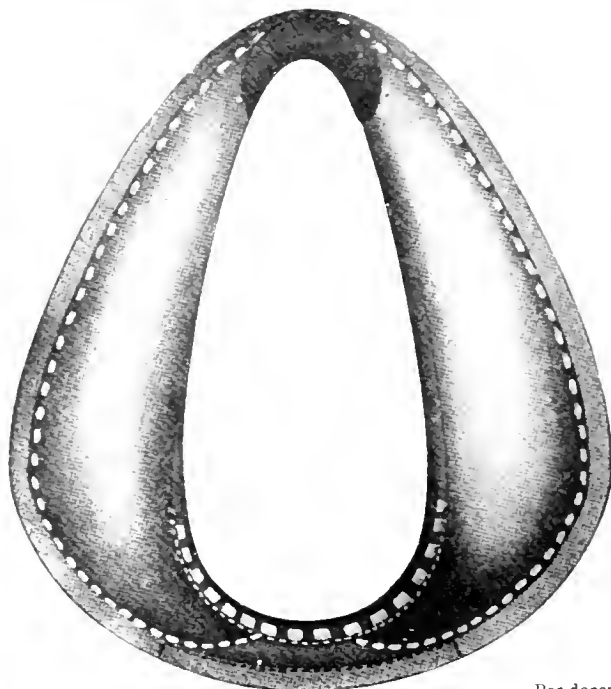
Per dozen.

For service in heavy farm or team work.



No. 40—Team Collar. Pop Stitched. Black Collar. Leather Back and Rim. Fair Leather Wool Face. Sole Leather Pads. About 14½-inch draft. . . . . \$42.00

Per dozen.

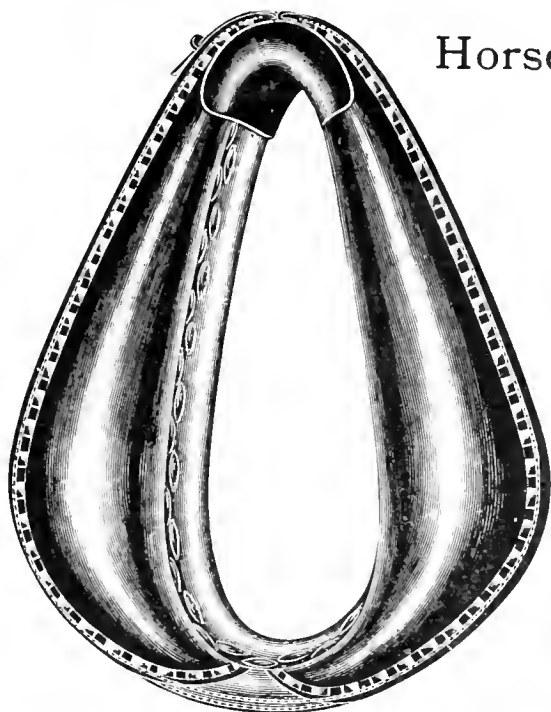


No. 222—Team Collar. Wool Faced, Pop Stitched. Flexible Throat, all Fair Collar Leather. Patent Fastener. Sole Leather Pad. About 16-inch draft. . . . . \$50.00

Per dozen.

A good heavy Collar for any purpose.

## Horse Collars



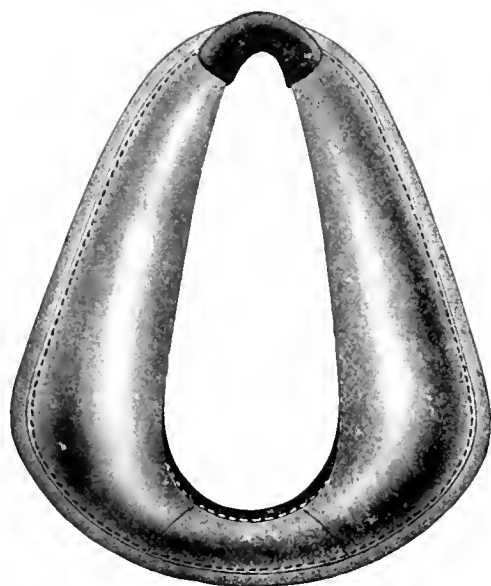
No. 75—Extra Heavy Scotch Collar. Solid Back, Patent Flexible Throat with Extra Throat Piece, Best Selected Heavy Russet Kip Stock, Extended Face forming Solid Welt, Thong Leather Sewed Edges, Double Thong Sewed Rim, Wool Face, one Buckle with Thong Sewed Billet, Heavy Pressed Pad, Hand Finished. . . \$60.00  
Will adjust itself to any shape neck, needs no Collar Pad.

Per dozen.



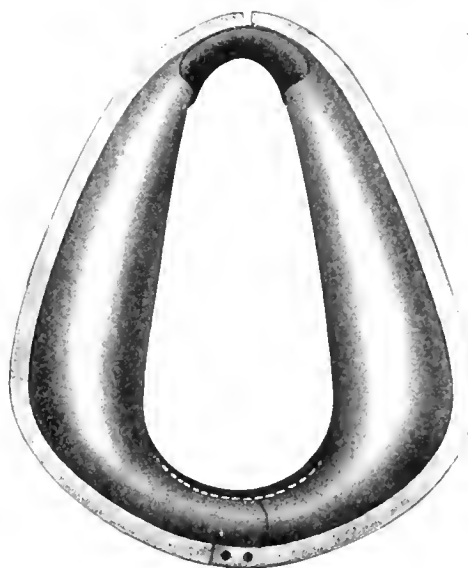
No. 126—Medium Weight Team Collar. Full Kip, Fair Face, Black Back and Rim, Full Thong Sewed, Pieced Back, Whole Rim, Peak Top, one Buckle, Pressed Sole Leather Pad, 16-inch draft. . . . . \$48.00

Per dozen



No. 127—Heavy Team Collar. Fair Face, Black Back and Rim, Full Thong Sewed, Pieced Back, Whole Rim, Peak Top, one Buckle, Sole Leather Pad, Riveted on; 16-inch draft. . . . . \$46.00

Per dozen.

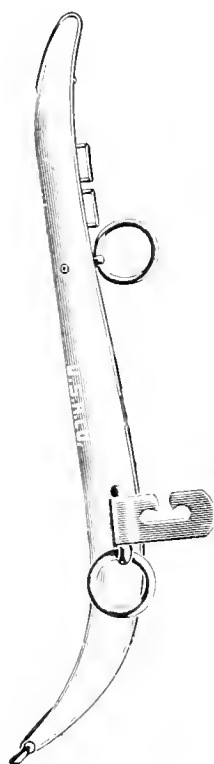


Boston Dray. Heavy Pattern, Black Kip Back and Rim, Black Kangaroo Face, Full Thong Sewed, Concord Seam, Whole Back and Rim Lined with Duck, Pocket filled with Curled Hair, Peak Top, one Buckle . . . . . \$50.00

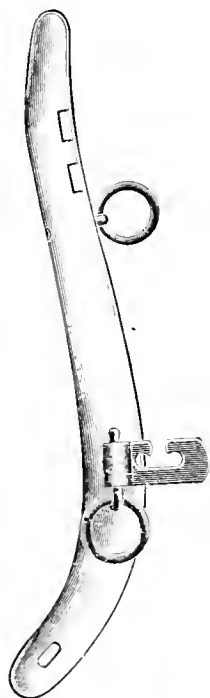
Per dozen.

## Hames

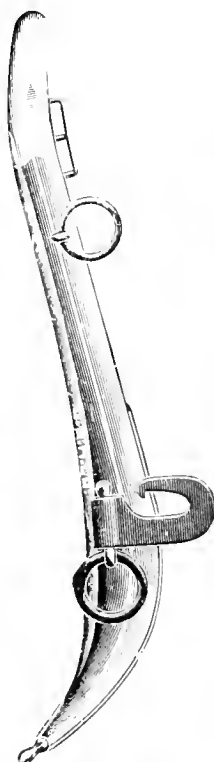
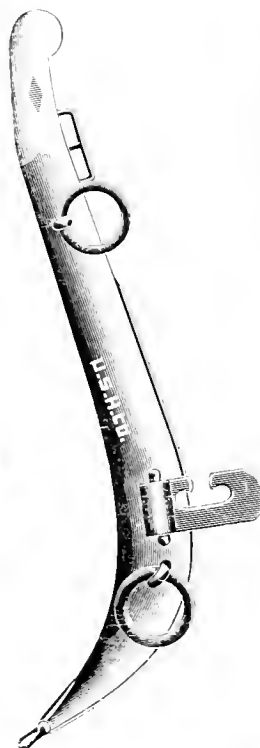
"Damascus" Finish, the new substitute for varnish or oil, is used on all these Hames. Has all the good points of both varnish and oil and eliminates the objectionable features. It covers all steel parts and retains luster. It fills the grain of the timber and retains the gloss. It collects neither dust nor dirt, as the oil finish. It does not mar in transit like varnish. It is a hard, durable, and lustrous finish.



No. 2 Hook



No. 25 Lace

No. 100,  
Farmers' StrapNo. 120  
City DrayNo. 6, Concord  
Hook on Back

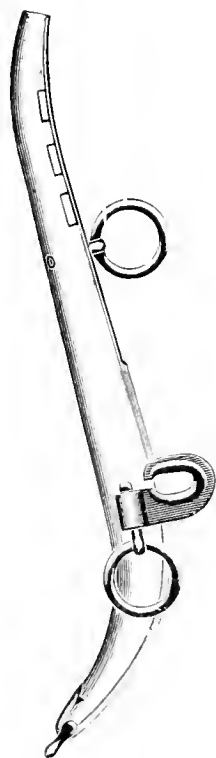
Dozen pairs.

No. 2—Hook Hame. Two-Loop Plow Hame. Steel over Top. Varnished Backs and Trimmings, Damascus Finish, Wrought Steel Trimmed. Regular Horse and Mule Sizes. Weights, about 40 to 45 pounds per dozen pairs.....	\$ 7.95
No. 25—Lace Hame. Two-Loop Plow Hame. Steel over Top. Varnished Backs and Trimmings, Damascus Finish, Wrought Steel Trimmed. Regular Horse and Mule Sizes. Weights, about 45 to 50 pounds per dozen pairs.....	7.95
No. 100—Farmers' Strap Hame. Loose Bottom Snap. Painted Red, Bronze Top, Japanned Trimmings, Double Weight Hooks, Steel Trimmed. Sizes, 17 to 24 inches. Weights, about 42 to 60 pounds per dozen pairs.....	11.25
No. 120—City Dray Hame. Stiff Bottom Loop. Painted Red, Bronze Top, Japanned Trimmings, Double Weight Hooks, Wrought Steel Trimmed. Sizes, 17 to 23 inches. Weights, about 63 to 100 pounds per dozen pairs.....	19.05
No. 6—Concord Hook Hame. Drop Forged Steel Hook on Back, Swivel and Ring. Polished Back, Damascus Finish. Sizes, 18 to 22 inches. Weight, about 50 to 60 pounds per dozen pairs.....	19.80
No. 10—Concord Hook Hame. Same as No. 6, except Heavier.....	25.80

*Half Dozen Pairs in a Bundle.*

## Hames

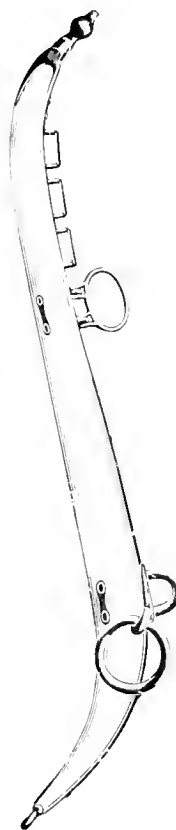
In the Lone Star attachment there are no screws or bolts to remove, no tools required to change the adjustment and no pins to rust or corrode. The construction is most simple.



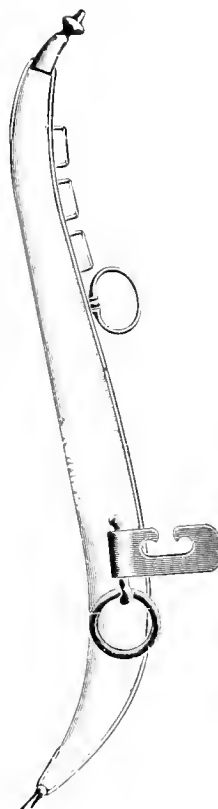
No. 61. Concord  
Hook on Sule



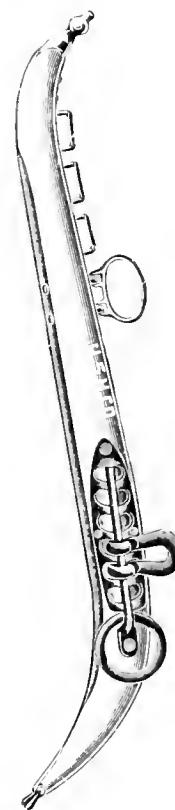
No. 61LS.  
Lone Star.



No. 166St.  
Northern Standard.



No. 166So.  
Southern Standard.



No. 166LS.  
Lone Star.

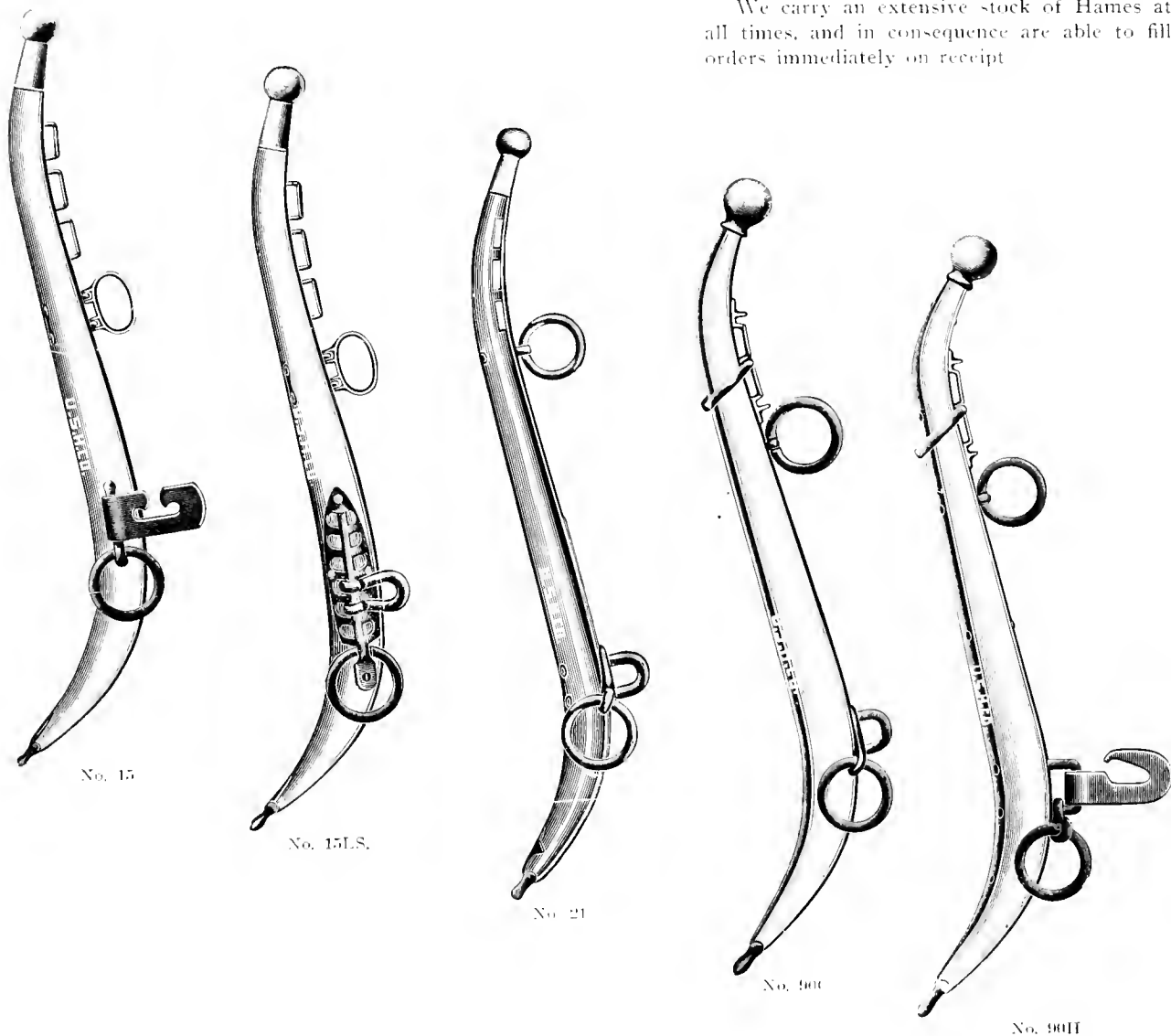
Dozen pairs.

- |   |         |
|---|---------|
| No. 61—Concord Hook Hame. $\frac{3}{4} \times \frac{1}{4}$ -inch Steel Back. Damascus Finish, Japanned Trimmings. Drop Forged Steel Concord Hook, $1\frac{1}{2}$ -inch Mortised Top Loops. One size only, to fit 16 to 20-inch Collars. Weight, 75 pounds per dozen pairs | \$18.00 |
| No. 61SL—Same as No. 61, except with Lone Star Attachment and Grooved Wood. Weight, 80 pounds per dozen pairs   | 20.10   |
| No. 166St.—Regular Clip Acorn Top Hame. Painted Red, Japanned Back and Trimmings, X C Ball. $\frac{3}{4}$ -inch Oval Hame Back Steel, Clip, Holdback Plate, 2-inch Bolt. Sizes 18 to 24 inches. Weights, about 56 pounds per dozen pairs                                  | 14.25   |
| No. 166So.—Southern Standard. $\frac{3}{4}$ -inch Oval Hame Back Steel, Stiff Bottom Loop, Wrought Steel Hooks and Staples, Malleable Oval Line Rings, Painted Red, Japanned Trimmings, X C Ball. Sizes 18 to 24 inches. Weight, about 50 pounds per dozen pairs          | 13.05   |
| No. 166LS—Same as No. 166So, except with Lone Star Attachment and Grooved Wood. Weight, 65 pounds per dozen pairs   | 17.10   |

*Half Dozen Pairs in a Bundle.*

## Hames

We carry an extensive stock of Hames at all times, and in consequence are able to fill orders immediately on receipt

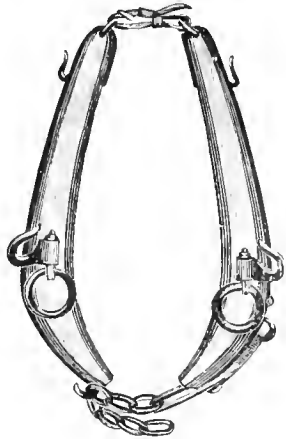


Dozen pairs.

- No. 15—Globe Ball Top Hook Hame.** Painted Red, Japanned Trimmings, X C Ball.  $\frac{3}{4}$ -inch Oval Hame Steel, Double Wrought Steel Hooks, Rings and Staples. Hook on side. Weight, about 60 pounds per dozen pairs. .... \$15.20
- No. 15LS—**Same as No. 15, except with Lone Star Attachment ..... 21.00
- No. 21—Concord Ball Top Clip Hame.** Painted Red with White Stripe, X C Ball, 1 $\frac{1}{8}$ -inch Mortise Top Loops,  $\frac{7}{8}$  x  $\frac{3}{16}$ -inch Hame Steel, Loose Bottom Loops, 2 $\frac{1}{4}$ -inch Bolt, Swivel, Link and Ring. Sizes 19 to 22 inches. Weight, about 80 pounds per dozen pairs ..... 26.25
- No. 90C—Clip Ball Top Hame.** Holdback Plate. Painted Red, Japanned Trimmings, X C Ball. Heavy  $\frac{3}{4}$ -inch Oval Concave, Convex Steel, 2-inch Staples. Sizes 19 to 24 inches. Weights, about 68 to 76 pounds to the dozen pairs. .... 24.45
- No. 90H—Hook Ball Top Hame.** Weights, about 70 to 78 pounds per dozen pairs. Otherwise same as No. 90C ..... 25.95



## Mine and Lumber Hames

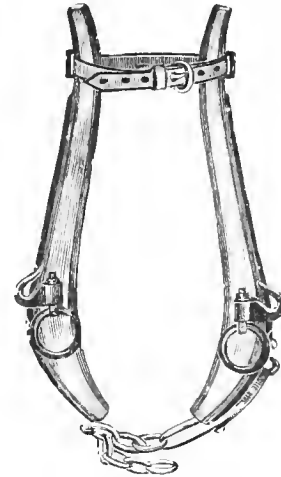


Beagle Mine Hames.

Low Top.

Dozen pairs.

No. 1—Heavy Varnish, Black Finish. Furnished with Lantern Hooks; 14 to 22 inches. Weights, 85 to 100 pounds per dozen pairs \$32.00

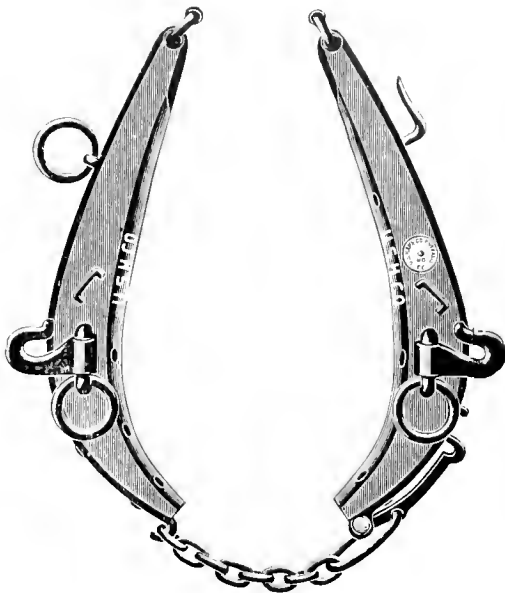


Beagle Mine and Lumber Hame.

High Top.

Dozen pairs.

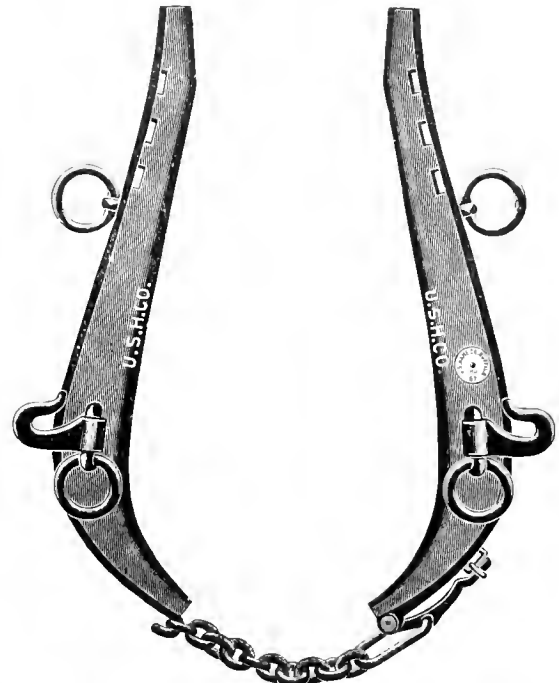
No. 2—Pennsylvania Fastener, Heavy Varnish, Black Finish; three sizes, 14 to 18, 17 to 21, 20 to 24 inches. Weights, 90 to 100 pounds per dozen pairs \$32.00



Pennsylvania Pattern Miners' Hames.

Dozen pairs.

No. 66—Heavy Varnish, Black Finish. With Line Ring, Lantern Hook and Hip Strap Loops. 14 to 22 inches. Weights, 95 to 120 pounds per dozen pairs \$32.00

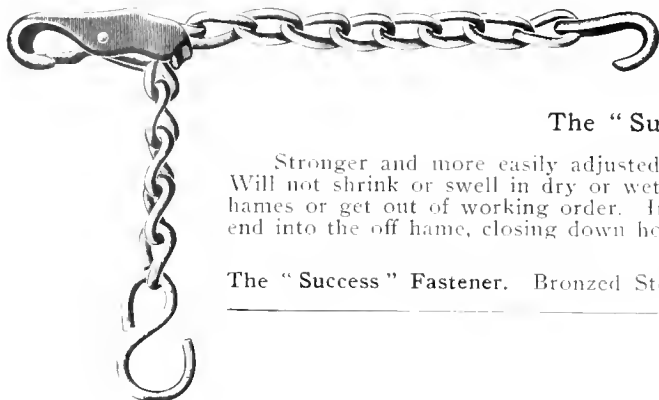


Pennsylvania Pattern Mine and Lumber Hame.

Dozen pairs.

No. 67—High Top. Improved Pennsylvania Fasteners. Heavy Varnish, Black Finish. Sizes adjustable, 14 to 18, 17 to 21, 20 to 24 inches. Weights, 95 to 120 pounds per dozen pairs \$32.00

## Hame Fasteners



### The "Success" Hame Fasteners.

Stronger and more easily adjusted than any leather hame strap or other metallic fastener. Will not shrink or swell in dry or wet weather. Easily put on; cannot become detached from hames or get out of working order. Indestructible; will last as long as the hames. Hook box end into the off hame, closing down hook so that the hame fastener cannot become detached.

The "Success" Fastener. Bronzed Steel..... Per dozen. \$4.50

### The "Dodson" Hame Chain.

The cut represents this chain in its latest improved form. The links are strengthened and stiffened by corrugations, which also add much to the fine appearance of the chain. The body part hooks into the hame loop and is securely held there by the thumb piece, itself held by a first-class spring which, by its position, is secure from accident. This feature permits the chain to be transferred from one pair of hames to another, and in much less time than a hame strap can be. The end of the chain can be snapped up out of the way if desired. Are all steel, strong, secure and light. They work easily, never yield nor slip. They will outwear a dozen leather hame straps, and they can be hitched and unhitched in much less time. They do away with every objection that applies to other hame chains. They fit all work hames and all sizes of collars.



The "Dodson" Fastener. Bright Steel..... Per dozen. \$4.00



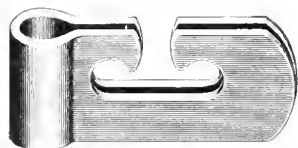
### Knotted Hame Strings.

		Per dozen.			Per dozen.
Harness Leather.	$\frac{3}{4}$ x 36 inches..	\$1.90	Raw Hide.	$\frac{3}{4}$ x 36 inches..	\$1.80
"	$\frac{7}{8}$ x 36 "	2.10	"	$\frac{7}{8}$ x 36 "	2.00

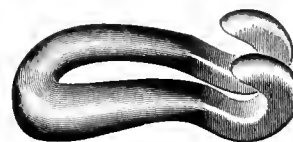


### Leather Hame Straps.

			Per dozen.			Per dozen.
Harness Leather.	$\frac{3}{4}$ -inch.	No. 2. Riveted.....	\$1.80	Raw Hide.	$1\frac{1}{8}$ -inch. Double and Stitched.....	\$5.00
"	$\frac{7}{8}$ "	No. 2 ".....	2.10	"	$1\frac{1}{4}$ " ".....	5.50
"	1 "	No. 1 Sewed.....	2.70			
"	$1\frac{1}{8}$ "	No. 1. ".....	3.00			
"	$1\frac{1}{4}$ "	No. 1. ".....	3.60			



Double Repair Hook.



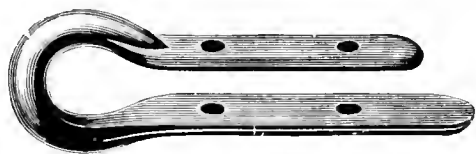
Lone Star Hook.

### Hame Repair Hooks.

		Dozen pairs.
Double Repair Hooks. Polished. For Regular Hames.....		\$1.50
Lone Star Repair Hooks. Polished. For Lone Star Attachment .....		2.50

One Dozen Pairs in a Box.

## Hame Clips and Staples



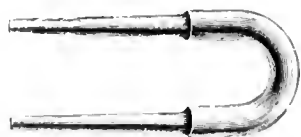
Two Hole.



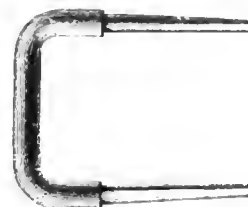
Three Hole.

Hame Clip.	Size.	Holes.	For all Common Hames.	X C Plate.	Per gross.
"	3/8-inch	Two	"	"	\$5.75
"	3/8-inch	Three	"	"	7.68

Two Dozen in a Box.



Clip Staples.



Square Staples.

Size.	Common, with Burrs.	X C Plate.	Per gross.
3/8-inch	"	"	\$5.75
7/16 "	"	"	7.20

Three Dozen in a Box.

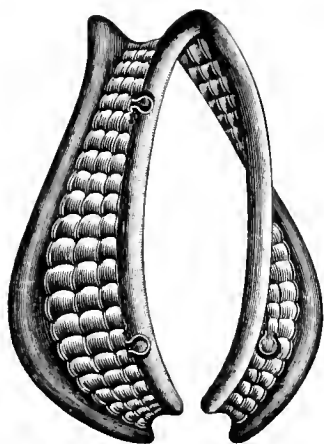
Size.	X C Plate.	Per gross.
5/16 x 1 1/2 and 1 3/4-inch.	"	\$7.20
3/8 x 1 3/4, 2 and 2 1/2-inch.	"	7.20

Two Dozen in a Box.

### Hame Rivets.

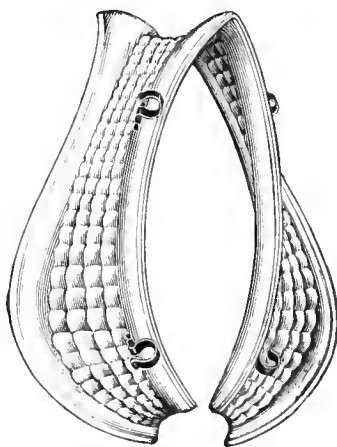
Length, inches.	1	7/8	3/4	5/8
No. 7 Gauge, per pound	\$0.21	.21 1/2	.22	.23

## Collar Pads



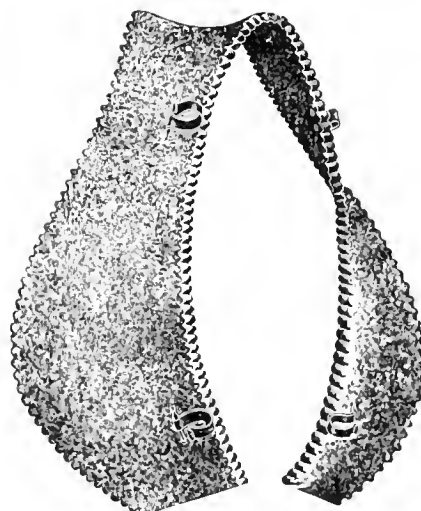
"Rex" Collar Pad.

Brown and white drill, composite stuffing, four rows of quilting, three hooks. Made in lengths 16 to 25 inches.



"Red Edge" Collar Pad.

Old gold drill, composite stuffing, five rows quilting, four hooks. A strip of red felt (not pinked) inserted and extending around the outer edge gives the pad a handsome and finished appearance.

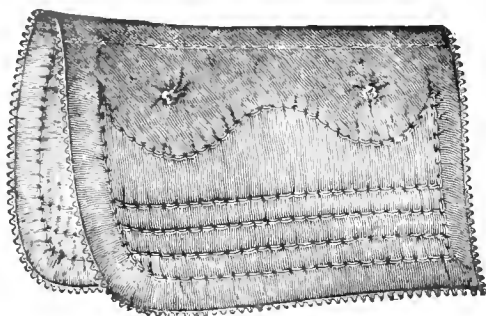


Felt Collar Pad.

For heavy team collars. Only the best grade of felt is used in the manufacture of these pads. Good smooth stock, strong colors, four hooks.

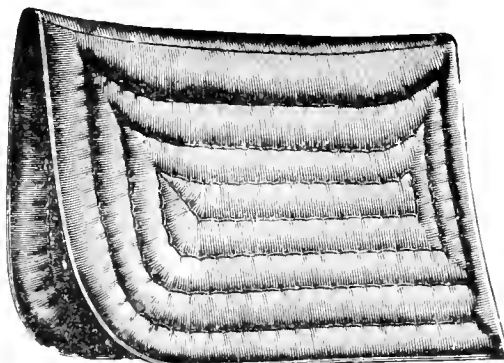
No.	Size.	Color.	Width.	Lengths.	Per dozen.
No. 162N/12—	"Rex."	Brown and White.	12 inches wide.	Lengths, 16 to 25 inches.	\$5.00
No. 162N/14—	"	"	14 "	16 " 25 "	6.00
No. 63N/12—	"Red Edge."	Old Gold.	12 "	16 " 25 "	5.50
No. 63N/14—	"	"	14 "	16 " 25 "	6.50
No. C1/11—	"Tapatco" Felt Pad.	Orange Color.	11 inches wide.	Lengths, 16 to 25 inches.	9.00

## Saddle Pads and Housings



Style K Saddle Pads.

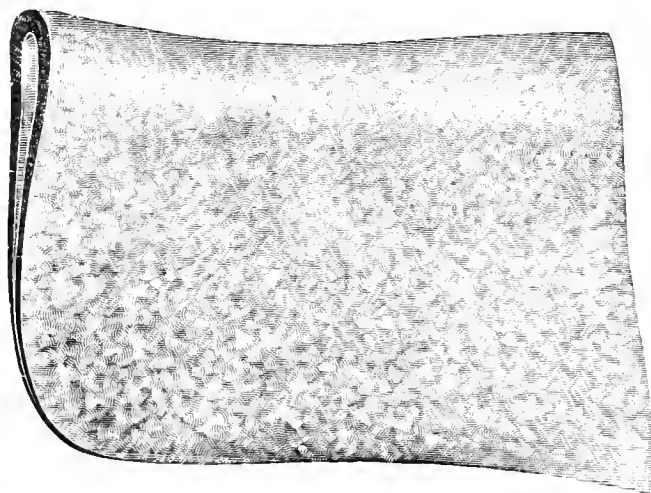
Face of pad is fawn felt, pinked felt edges, composite stuffing, space in center is left open or unstuffed; it possesses all the merits of a felt saddle housing and a stuffed pad combined, the thickness is sufficient to guarantee against any injury by the saddle, while the stuffing used insures complete absorption of the perspiration.



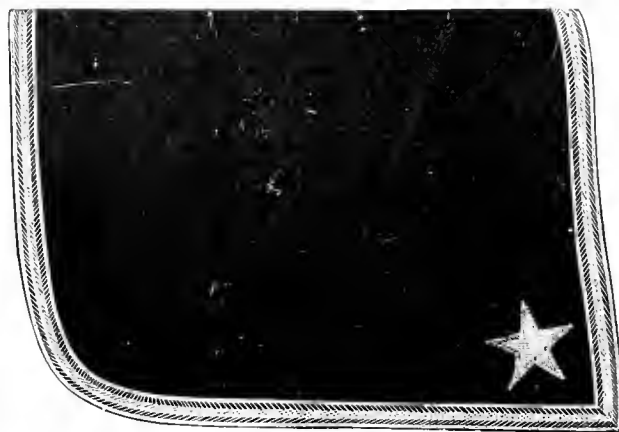
Style W Saddle Pads.

Made of old gold drill, excellent quality, composite stuffing, high-class workmanship, space in center is left open or unstuffed; briefly summed up, they are first-class.

Style K, No. 12 -Size, 26 x 34 inches	Heavy Blue Drill Back	Per dozen,	\$9.60
Style W, No. 2— " 26 x 32 "	Old Gold Drill		1.50



Silver King.



No. 11S.

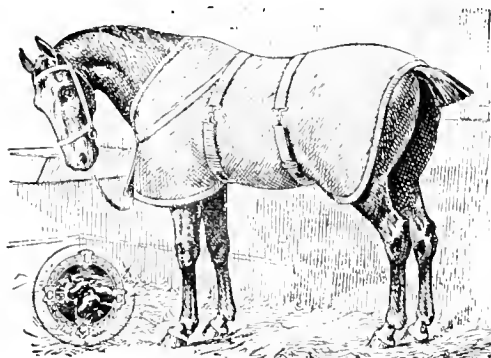
Silver King	Gray Graduated Felt. Citizens' size	Per dozen,	\$18.00
No. 11S— $\frac{3}{4}$ -inch Felt.	Blue, Green, Orange and Red. Assorted Figured Boot Web Trimming. Stars in Corners		8.00

*One Dozen in a Bundle.*



No. A102—Cart Saddle Pad.	White Drill 18 x 21 inches	Open Center.	Per dozen,	\$3.50
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## Horse Blankets



All Shaped Blankets Are Furnished Complete with Two Surcingles and All Leather Straps.

	Each.
No. 2—Extra Heavy Mangled Bagging. Unlined. 72 inches .....	\$1.35
No. 3—Extra Heavy Mangled Bagging. Half Lined. 72 inches .....	1.80
No. 4—Extra Heavy Mangled Bagging. Three-Quarter Lined. 76 inches .....	2.25
No. 55—Extra Heavy Mangled Bagging. Full Wool Lined. 76 inches .....	2.70
No. 9—Mangled Burlap. Full Buckskin Kersey Lined. Bound Front, Short Stay, Extra Stay. 76 inches ..	2.90
No. 10—Mangled Bagging. Bound Wide Front. Long Stay. Wide Surcingles. Full Buckskin Kersey Lined. 76 inches .....	3.15
No. 120—Mangled Bagging. Wide Double Bound Front, Wide Long Stay and Surcingles. 40 inches deep. 76 inches long .....	3.75
No. 33—Brown Duck. Full Wool Lined. 76 inches .....	2.70
No. 36—Brown Duck. Full Wool Lined, Short Stay, Dark Blue Trimmed. 76 inches .....	2.85
No. 38—Brown Duck. Full Kersey Lined, Short Stay, Red Trimmed. 76 inches .....	3.30
No. 40—Brown Duck. Full Kersey Lined, Wide Blue Trimmed. 76 inches .....	3.60

### All-Over Blankets.

#### Open Fronts. Two Straps.

	Each.
No. 15—Heavy Bagging. Full Kersey Lined. Cable Front. Leather Surcingle Strap. 76 inches .....	\$3.75
No. 275—Brown Duck. Buckskin Kersey Lined. Cable Front. Red Trimmed. Leather Surcingle Strap. 76 inches .....	4.35
No. 100—Fawn Stable Blankets. Red Trimmed. 76 inches .....	5.55

### Square Blankets.

Red Horn.	Wine Wool Ground. Red, Navy Blue and White. Wide Headings. 76 x 80 inches .....	2.40
Gypsy.	Grey Ground, Plum, Red, White, Black Wide Body Stripes and Headings. 80 x 84 inches .....	2.70
Geneva.	Reddish Mix and Seal Brown Ground. Narrow Red and Blue Stripes. Red, Green, White and Black Headings. 80 x 84 inches .....	3.45

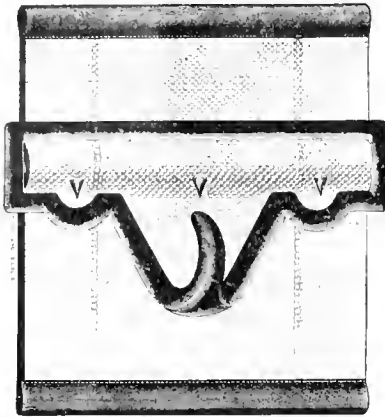
Cyclone.	Fancy Plaid. Iron Grey Ground, Seal Brown, White, Red and Green Fancy Drop-Box Plaid and Headings. 76 x 80 inches .....	3.30
Highlander.	Red and Black Fancy Checker-Board. 76 x 80 inches .....	3.45
Kennebec.	Double Woven Drop-Box Plaids. Assorted Fancy Colors. 76 x 80 inches .....	4.35
Savoy.	Fancy Drop-Box, Fine Wool Plaids. Assorted Colors. 76 x 80 inches .....	6.90
Astor.	Double Woven, Heavy Weight Plaid. Green, Black and White Plaid. 84 x 90 inches .....	8.40

## Waterproof Covers

		Each
No. 2443—To Head.	Heavy Black Fabric, Hame and Trace Leathers .....	\$4.50
No. 50X—To Head.	Heavy Brown Waterproof Duck. Hame Leathers, Shaft Openings and Trace Leathers .....	5.25
No. 40—To Head.	Extra Heavy Waterproof White Duck. Hame Leathers, Shaft Openings and Trace Leathers .....	5.70
No. 2444—To Head.	Heavy Black Fabric, Hame and Trace Leathers .....	6.00
No. 60—To Breast.	Superfine White. Hame Leathers, Shaft Openings and Trace Leathers .....	7.50
No. 75—To Head or to Breast.	Extra Heavy Special Brown Waterproof Duck, Rubber Lined Back, Hame Leathers, Shaft Openings and Trace Leathers .....	7.50

We are prepared to take care of all orders for Plush Lap Robes in plain and fancy patterns, Fur Robes, Linen Dusters, Fly Nets, Cooling Blankets, etc. Correspondence solicited and best prices guaranteed

## Back Bands and Webbing



### Back Bands without Hooks.

Heavy Cotton Webbing, Leather Bound Ends.

					Per dozen.
No. 1 Webbing.	3½ inches wide,	39 inches long.			\$2.25
No. 1	4	"	39	"	2.60
No. 2	3½	"	39	"	2.25
No. 2	4	"	39	"	2.60

### Back Band Hooks Only.

Japaned.

				Dozen pairs.
"Daisy" Hook.	For 3½-inch Back Bands.			\$0.50
	" 4 " " "			.55

### Complete Back Bands with Hooks.

				Per dozen.
"Daisy" Hooks, with No. 1 Webbing	3½ inches wide			\$2.75
" " " No. 1	4	"		3.10
" " " No. 2	3½	"		2.75
" " " No. 2	4	"		3.10

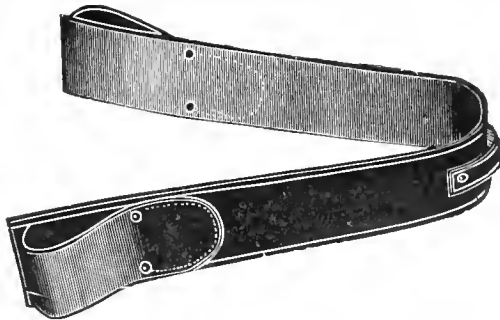
### Back Band Webbing.

White Cotton. Put Up in Rolls of 100 Lineal Feet.

Sold Only in Full Rolls.

	Per 100 feet.
No. 1—3½ inches wide	\$6.00
No. 1—4 " "	6.50
No. 2—3½ " "	6.00
No. 2—4 " "	6.50

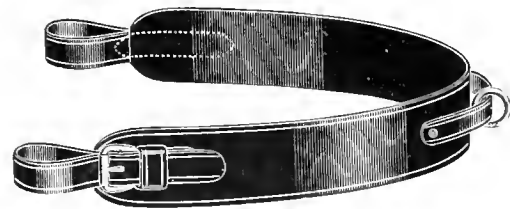
One Roll in Package



### Leather Back Bands.

Plain flat leather, creased. Leather trace loops, sewed and riveted on. Turnback loop in center, riveted on. 40 inches long.

Width, inches	3	3½	4
Per dozen	\$15.50	17.50	20.00



### Leather Back Bands.

Plain flat leather, creased. Leather trace loops, with buckle and billet sewed on, with turnback loop in center. 39 inches long.

Width, inches	3	3½	4
No. 30—Plain, per dozen	\$16.00	18.00	20.00
No. 32—Felt Lined, per dozen	12.50	14.00	15.50



### "Kraker" Adjustable Back Bands.

The total length is 42 inches, but can be adjusted readily to 39 and 36 inches. Width, 5 inches. Padded entire length with four rows of quilting. The adjustable hook is made of malleable iron, securely fastened to the band by means of four rivets. Leather washers are used underneath the rivets as a further precaution against their being loosened on account of any unusual strain.

	Per dozen.
Kraker Adjustable. 8-ounce White Duck. Padded and Quilted. 42 inches long.	\$3.00

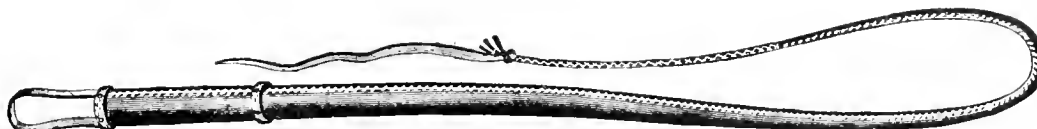
## Team and Drovers' Whips



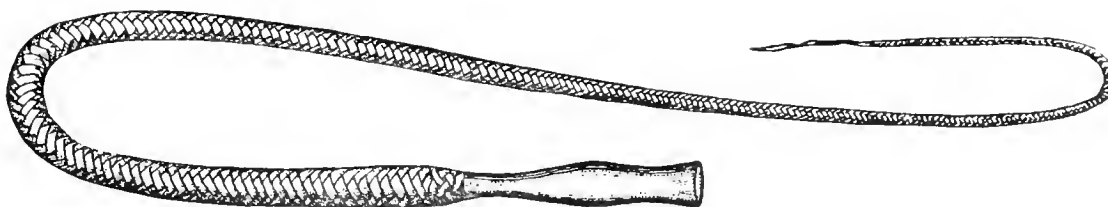
- No. 5062—All Leather Team Whip. Russet Braided, Buck Stitched, Eight Plait, Red Wired Handle, Leather Loop, Lace Cracker 5 feet long..... \$7.50  
6 feet long..... 9.00



- No. 5043—All Leather Team Whip. Russet Oiled Cover, Buck Stitched, Russet Horsehide Points, Leather Loop, Lace Cracker. 5 feet long..... \$10.00  
6 feet long..... 11.00  
7 feet long..... 12.00

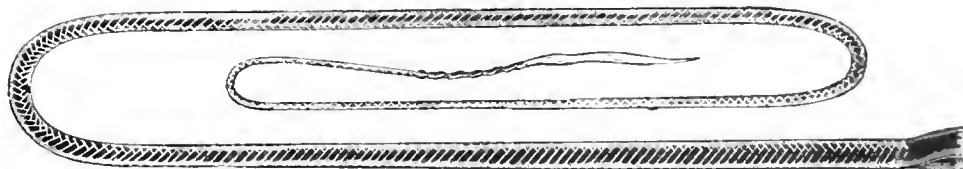


- No. 5001—All Leather Wagon Whips. Oiled Tanned Buck Stitched Cover, Braided Lash, Leather Loop, two Buttons, Loaded Handle. 4 feet long..... \$12.00  
4½ feet long..... 13.50  
5 feet long..... 15.00  
6 feet long..... 18.00



- No. 5086—Swivel Drove Whip. Six Plait Raw Hide, California Style, Button at Handle, Swivel Wood Handle 6 feet long..... \$11.50  
7 feet long..... 13.00  
8 feet long..... 14.50

## Whip Lashes



### Texas Lashes.

California Style. Rawhide Leather.

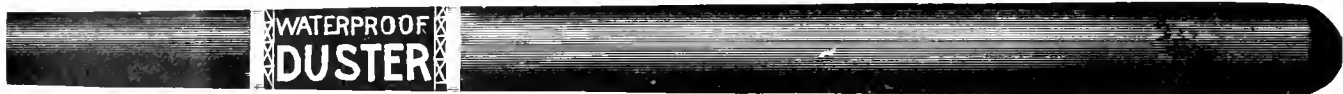
No.	Plait	Length	Per doz.
No. 5119	Four	6 feet long	\$ 7.00
"	"	7 " "	8.00
"	"	8 " "	9.50
"	"	10 " "	11.00

### Georgia Ox Lashes.

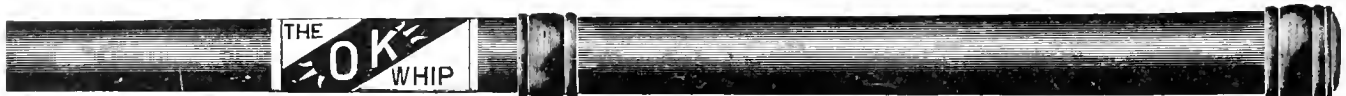
California Style. Heavy Swell at Loop.  
Rawhide Leather.

No.	Plait	Length	Per dozen.
No. 5143	Four	5 feet long	\$7.00
"	"	6 " "	8.00
"	"	7 " "	9.00

## Buggy Whips



No. 10—Waterproof Java. Black, Smooth Finish Round End Loop Snap. 6 feet . . . . . Per doz. \$1.20



No. 15—O. K. Java. Assorted Colors Two Combination Buttons, Loop Snap. 6 feet . . . . . Per doz. \$1.80



No. 25—Prime Java Stock. Loaded. Black, Wine and Green Colors. Fine Finish. Round End. Load Cap Two Combination Buttons Philadelphia Snap. 6 feet . . . . . Per doz. \$3.00



No. 35—Solid Japanese Reed. Black. Fine Finish. Loaded Handle. Assorted Color Handles. Japanned Cap. Two Combination Buttons. Philadelphia Snap. 6 feet. . . . . Per doz. \$4.20



No. 50—Raw Hide. From Snap Through Cap. Loaded Black Japanned Cap. Two Combination Buttons Philadelphia Snap. 6 feet. . . . . Per doz. \$6.00



No. 75—Extra Quality Raw Hide. From Snap Through Cap. Black. Fine Finish. Japanned Cap. Two Combination Buttons Rubber Lined from Snap to Cap. Hand Made English Snap. 6 feet. . . . . Per doz. \$9.00



No. 100—Extra Heavy Stocked Raw Hide. 7'12 length Black. Extra Fine Finish. Seamless Vulcanized Rubber Inner Cover. Rubber Cushioned Cap. Combination Chased Buttons. English Hand Made Silk Snap. 6 feet. . . . . Per doz. \$12.00



## The “Wheeler” Whip Assortments

### 57-Whip Assortment.

No. 10—Twelve Whips at 10 cents each.....	\$1.20
No. 15—Twelve " " 15 " " .....	1.80
No. 25—Six " " 25 " " .....	1.50
No. 35—Six " " 35 " " .....	2.10
No. 50—Six " " 50 " " .....	3.00
No. 75—Six " " 75 " " .....	4.50
No. 100—Three " " 1 00 " " .....	3.00
No. 774—Two " " 25 " " .....	.50
No. 748—Two " " 25 " " .....	.50
No. 741—Two " " 50 " " .....	1.00

### 45-Whip Assortment.

No. 10—Twelve	Whips at	10	cents each	\$1.20
No. 15—Twelve	" "	15	" "	1.80
No. 25—Six	" "	25	" "	1.50
No. 35—Six	" "	35	" "	2.10
No. 50—Three	" "	50	" "	1.50
No. 75—Three	" "	75	" "	2.25
No. 100—Three	" "	1.00	" "	3.00

Forty-five Whips, which retails for.....\$13.35

## Whip Racks



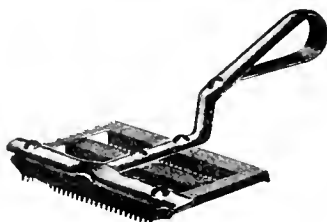
No. 1



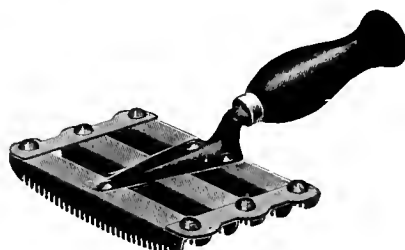
No. 22

<b>No. 1—Circular.</b>	Holds 225 Whips	16½ inches Outside Diameter	Malleable Iron.....	... x x \$18.00
<b>No. 2—Straight.</b>	Holds 30 Whips.	Length 15½ inches.	Malleable Iron .....	... 4.00

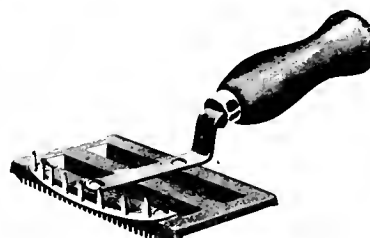
# Curry Combs



No. 35.

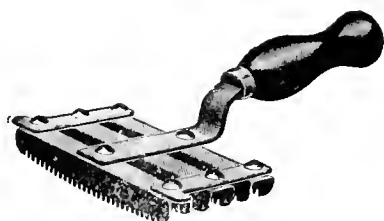


No. 006.

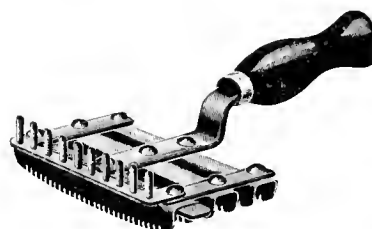


No. 30½.

					Per doz.
No. 35	—6 Bars.	All Steel.	Steel Loop Handle.	Lacquered .....	\$0.50
No. 066	—6 Bars.	Steel.	Open Back Oval Face.	Lacquered. Enameled Handle, Nicked Ferrule.....	1.00
No. 30 <sup>1</sup> / <sub>2</sub>	—6 Bars.	"	"	Lacquered. Carmine Handle, Steel Ferrule. With Mane Comb....	.80

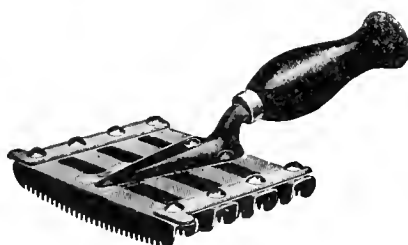


No. 063.

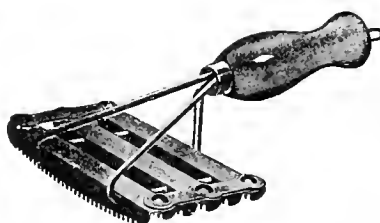


No. 062112.

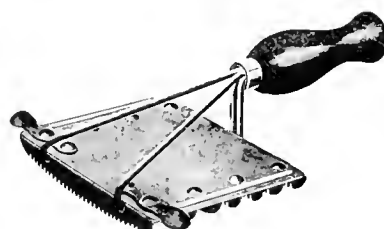
No. 063	—6 Bars.	Open Back.	Oval Face.	Lacquered	Enameled Handle	.....	Per doz.
No. 063 <sup>1</sup>	—6 Bars.	" "	" "	" "	" "	With Mane Comb	1.25



No. 08:7.

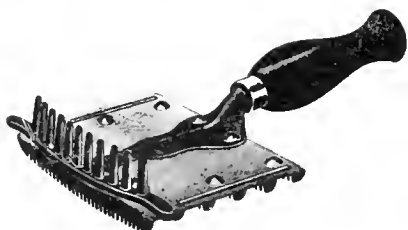


No. 968.

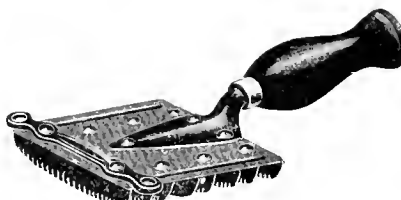


No. 189T.

No. 083T—8 Bars.	Open Back.	Oval Face	Tinned	Enameled	Handle.....	Per doz.
No. 068 —6 Bars.	" "	" "	Lacquered.	" "	Wire Back Grasp	\$1.50
No. 189T—8 Bars.	Close "	" "	Tinned	" "	" " "	1.15
						2.00



No. 16719.



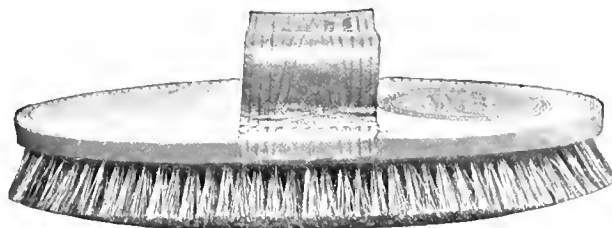
No. 183



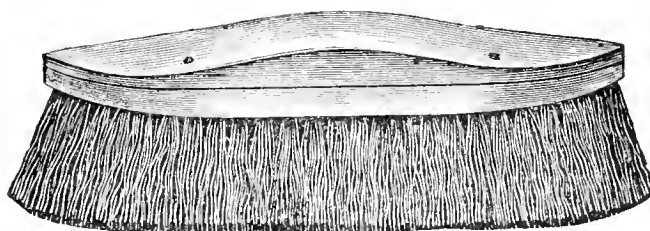
No. 800.

No. 167 <sup>1</sup> <sub>2</sub> —6 Bars.	Close Back.	Oval Face	Lacquered	Enameled Handle.	With Mane Comb.....	Per doz. \$1 65
No. 183 —8 Bars.	" "	" "	" "	" "	" .....	1 45
No. 800 —8 Bars.	" "	" "	" "	" "	" .....	1 68

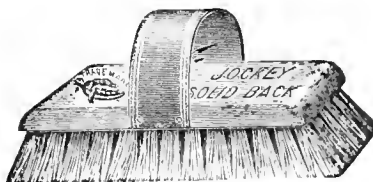
## Horse Brushes



			Per doz.
No. 3—	Army Pattern	10 Rows, Gray Tampico Center, Black Outside Row, Flat Face, Embossed Green Leatherette Back, Patent Leather Strap 8½ inches	\$ 4.50
No. 5—	Oval Pattern	11 Rows, Black Tampico, Oval Face, Embossed Black Leatherette Back, Embossed Leather Strap 9 inches	6.30
No. 66—	Oval Pattern	9 Rows, Gray Tampico Center, White Outside Row, Flat Face, Embossed Green Leatherette Back, Enameled Leather Strap 9 inches	3.93
No. 213—	Oval Pattern	12 Rows, Red Mixed Tampico, Oval Face, Plain Red Enameled Leather Back, Fair Leather Strap 9 inches	8.25
No. 50—	Oval Pattern	Extra Quality 15 Rows, White Imitation Bristles, Oval Face, Embossed Fair Leather Back, Fair Leather Strap 9 inches	12.75
No. 67—	Oval Pattern	17 Rows, Black Bristle Casing, Imitation Center, Oval Face, Embossed Black Leather Back, Harness Leather Strap 9 inches	9.00
No. 45—	Oval Pattern	15 Rows, All Bristles, Gray and Black Mixed, Oval Face, Embossed Orange Leather Back, Orange Leather Strap 9 inches	18.00
No. 226—	Army Brush	Warranted 15 Rows, All Black Bristles, Flat Face, Embossed Sole Leather Back, Fair Leather Strap 9 inches	27.00

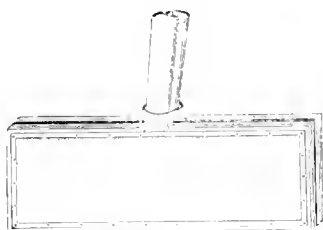


				Per doz.
No. 0248—	Dandy Horse Brush	Palmetto Fiber	10½ inches long	Polished Back \$3.35
No. 2541—	"	"	10 "	" " 3.20
No. 257—	"	"	10½ "	" Varnished " 6.25

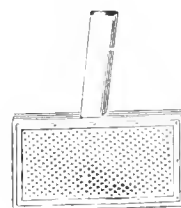


No. 381—	Jockey Horse Brush	Palmetto Fiber		Per doz. \$2.50
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## Cotton and Wool Cards



Nos. 9 and 83.



No. 28.

			Per doz.
No. 9—	Cotton Card	9¾ x 4¾ inches	\$4.25
No. 83—	Wool Card	9¾ x 4¼ "	2.75
No. 28—	Mixing Cards	No. 28 Wire 9¾ x 4¾ inches	3.50

## Bridle Bits



Per doz.

No. 845—Wire Ring Bit. X C Plate, 2-inch Rings,  
6-inch Twisted Wire Mouth. . . . . \$0.92



Per doz.

No. 855—Wire Ring Bit. X C Plate, 2 1/2-inch  
Rings, 6-inch Double Twisted Wire  
Mouth . . . . . \$1.40



Per doz.

No. 47J—Jointed Wrought Ring Bit. X C Plate,  
2 3/4-inch Rings, 6-inch Mouth. 7 lbs to  
the dozen . . . . . \$1.20

No. 47S—Stiff Mouth . . . . . 1 20



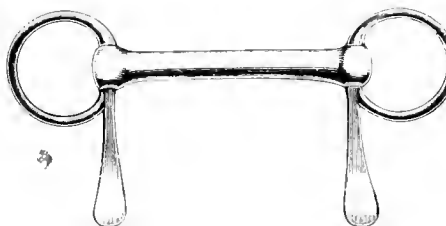
Per doz.

No. 865—Wire Snaffle Bit. X C Plate, 1 3/4-inch  
Rings, 2 3/4-inch Cheeks, 5 3/4-inch Twisted  
Mouth . . . . . \$1 20



Per doz.

No. 852—Jointed Malleable Snaffle Bit. X C Plate,  
2-inch Rings, 3-inch Cheeks, 5 1/2-inch  
Mouth. Weight, 4 1/2 lbs. per dozen . . . \$2 30



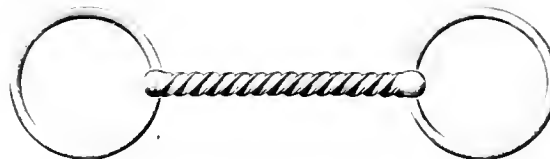
Per doz.

No. 852 1/2—Stiff Malleable Snaffle Bit. X C Plate,  
2-inch Rings, 3-inch Cheeks, 5 1/2-inch  
Mouth. Weight, 4 1/2 lbs. per dozen . . . \$2 30



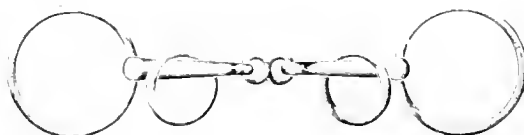
Per doz.

No. 67—Wrought Ring Bit. Wrought Steel  
Twisted Mouth. 2 3/4-inch Rings, X C  
Plate, Jointed or Stiff . . . . . \$1 20



Per doz.

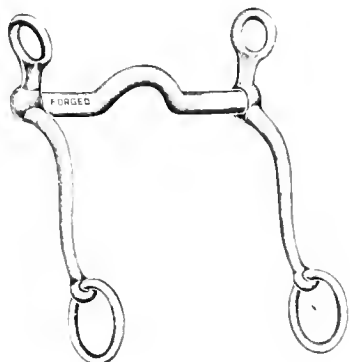
No. 115—Malleable Twisted Ring Bit. 2-inch Ring,  
X C Plate, Stiff or Jointed . . . . . \$0.80



Per doz.

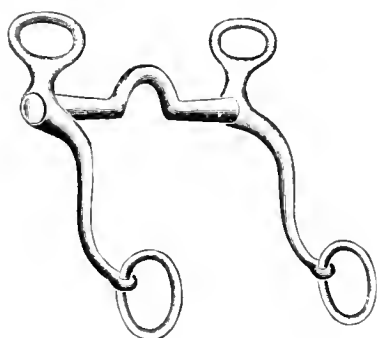
No. 197—Wilson Four-Ring Bit. Malleable Iron, X C Plate. Outside Rings 2 1/2 inches, Inside Rings, 1 1/2  
inches . . . . . \$2.00

## Bridle Bits



Per doz.

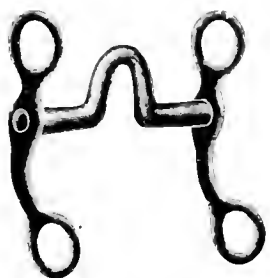
No. 732—Wrought Port Bits. X C Plate, 5-inch Checks,  $1\frac{1}{8}$ -inch Rings, 1-inch Check Loops,  $4\frac{1}{2}$ -inch Mouth,  $\frac{3}{4}$ -inch Port... \$7.50



Per doz.

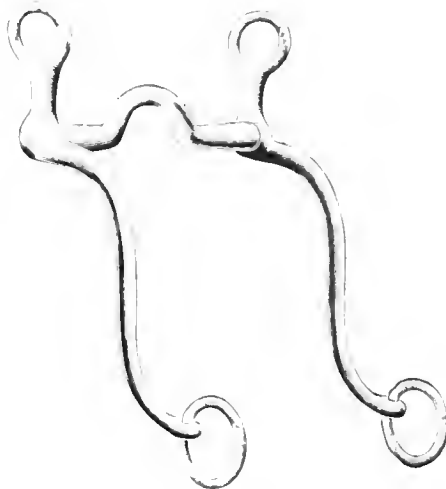
No. 632—Malleable Port Bit. Heavy Pattern, X C Plate, 5-inch Checks,  $1\frac{1}{8}$ -inch Rings, 1-inch Check Loops,  $4\frac{1}{2}$ -inch Mouth,  $\frac{3}{4}$ -inch Port... \$1.36

No. 0632—Light Pattern... 1.26



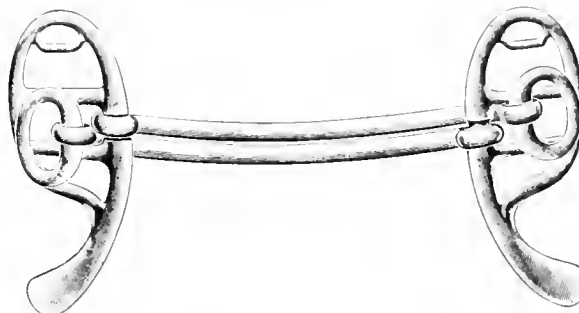
Per doz.

No. 930—Texas Port Bit. Blued Malleable Iron, 5-inch Checks, 1-inch Check Loops,  $4\frac{1}{2}$ -inch Mouth,  $1\frac{1}{4}$ -inch Port... \$1.30



Per doz.

No. 636—Malleable Port Bit. X C Plate,  $6\frac{1}{2}$ -inch Checks,  $1\frac{1}{4}$ -inch Check Loops,  $1\frac{1}{4}$ -inch Wrought Line Rings,  $4\frac{1}{8}$ -inch Mouth,  $\frac{1}{2}$ -inch Low Port... \$2.00



Per doz.

No. 112—J. I. C. Driving Bit. Double Steel Wire Mouth, Malleable Checks, X C Plate,  $1\frac{1}{2}$ -inch Rings,  $\frac{7}{8}$ -inch Check Loops,  $3\frac{1}{2}$ -inch Snaffles, 5-inch Mouth... \$2.00

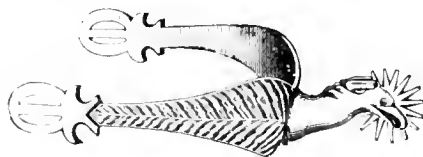


Per doz.

No. 600—Malleable Mule Port Bit. Light Pattern, Japanned, 1-inch Line Loops,  $5\frac{1}{2}$ -inch Checks,  $4\frac{1}{2}$ -inch Mouth, 1-inch Port... 1.38

*Half Dozen in a Box.*

## Riding Spurs



No. 661—Cuban Eagle. X C Plate 1½-inch Malleable Rowel  
 " " Nickel Plated. 1½-inch. " "

Dozen pairs.  
 \$2.00  
 4.00



No. 619—Malleable Iron. X C Plate. 1-inch Heel.  
 5/8-inch Rowel ..... \$1.40

Dozen pairs.



No. 650—Malleable Iron. X C Plate 5/8-inch  
 Rowel ..... \$1.60

Dozen pairs.



No. 679—Spring Steel. X C Plate 5/8-inch Rowel \$2.00

Dozen pairs.



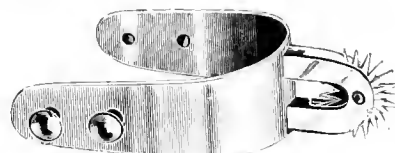
No. 611—Solid Brass. Polished 1½-inch Blued  
 Rowel ..... \$4.00

Dozen pairs.



No. 610—Solid Brass. Polished 3/4-inch Blued  
 Rowel ..... \$3.60

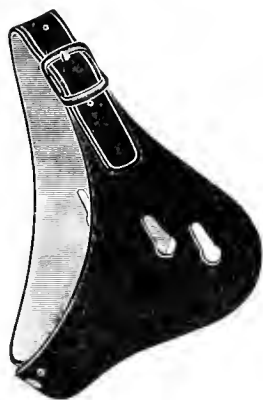
Dozen pairs.



No. 693—Eureka. Spring Steel. Fine Blued 1½-  
 inch Rowel ..... \$4.00

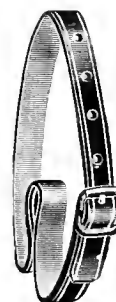
Dozen pairs.

*Half Dozen Pairs in a Box*



No. 707—Eureka. Two Close Set Buttons Black  
 Leather ..... \$3.00

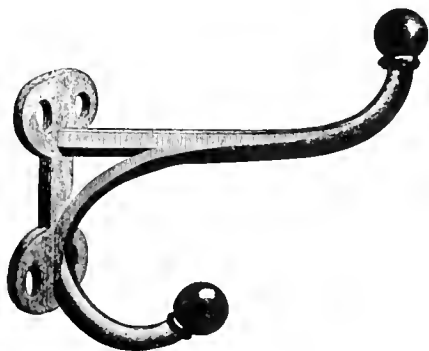
Dozen pairs.



No. 708—1/2-inch Black Leather ..... \$1.40

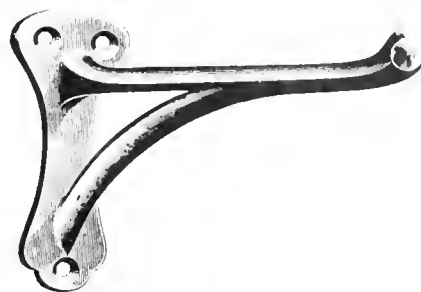
Dozen pairs.

## Harness Hooks



Cast Iron. Drilled Holes.

		Per doz.
No. 161—5	inches. Japanned	\$0.85
No. 165—6 $\frac{1}{2}$	" " "	1.10
No. 166—8	" " "	1.30



Heavy Cast Iron. Drilled Holes.

		Per doz.
No. 169—6	inches. Japanned	\$1.05
No. 170—8	" " "	1.15
No. 171—10	" " "	1.30

One Dozen in a Box.

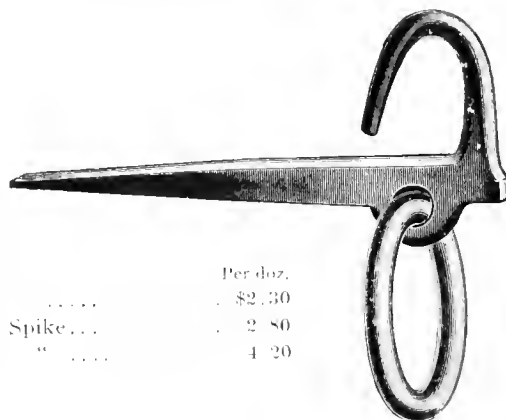
## Hitching Rings, Hooks and Weights



No. 17.

		Per doz.
No. 17—	Wrought Ring and Screw, Galvanized. 2 $\frac{1}{2}$ -inch Ring	\$2.30
No. 10—	" " " Hook. To Drive. Plain Iron. 5 $\frac{3}{4}$ -inch Spike	2.80
No. 12—	" " " " Galvanized. 5 $\frac{3}{4}$ " "	4.20

One Dozen in a Box.



Nos. 10 and 12.

Per doz.

No. 179—	Weight, 10 pounds. Japanned	\$6.75
No. 180—	" 15 " " "	9.50



Hitching Weights.

## Wagon Umbrellas



This Umbrella spreads 70 inches and has eight heavy detachable steel ribs, 40 inches in length. The top notcher is especially designed to cover the hooks and protect the cover. Ribs and stretcher made of special tempered steel. Removable cover of heavy drill, which is more serviceable than duck. The metal end socket, 1 $\frac{1}{4}$  inches in length, is clinched to rawhide and then sewed on the cover. The pole, 1 $\frac{1}{2}$  inches in diameter, made of extra selected hardwood, oil finished. All metal parts are japanned.

Heavy Wagon Umbrellas. 8 Steel Ribs. Extra Heavy Drill. Complete, with All Fixtures. Per doz. \$30.00

## Frank Miller's Preparations



### Miller's Harness Oil.

This Oil has earned for itself the reputation it has so long maintained, being superior to anything produced for the purpose—softening and preserving the leather.

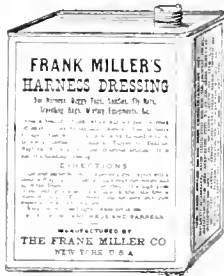
	Per doz.
No. 0—In Half Pint Cans. One dozen in a box..	\$3.00
No. 1— " Pint " " " " " " " " " " " "	6.00
No. 2— " Quart " " " " " " " " " " " "	9.50



### I. X. L. Harness Oil.

A cheaper grade of Harness Oil than the Frank Miller Oil. It is superior to any article of this class in the market.

	Per doz.
No. 0—In Half Pint Cans. One dozen in a box..	\$3.00
No. 1— " Pint " " " " " " " " " " " "	4.50
No. 2— " Quart " " " " " " " " " " " "	7.00



### Miller's Harness Dressing.

A superior article for general use. Unequaled for use in livery, express and private stables. An indispensable article whenever harness is in use. Gives a beautiful finish that will not peel, crack or smut, and to which dust will not stick.

	Per doz.
In Pint Cans. One dozen in a box.....	\$5.50
" Quart " " " " " " " " " " " "	9.00

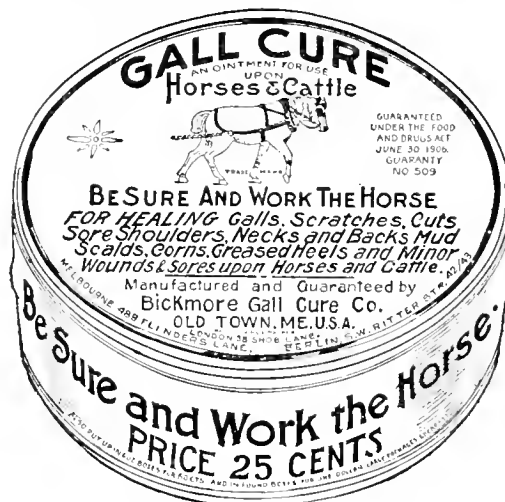


### Miller's Axle Oil.

Superior to castor oil, lasts longer and will not gum. Will not run from the boxes, if properly used. Not affected by climatic changes.

	Per doz.
In Pint Cans. One dozen in a box.....	\$4.50
" Quart " " " " " " " " " " " "	9.00

## Bickmore Gall Cure



	Per doz.
In 2-ounce Boxes One dozen boxes in carton.....	\$3.00

The manufacturers guarantee every box of Gall Cure. Money refunded if it fails to cure Collar or Saddle Galls upon horses, under the harness, while the horse is worked; Chafes, Bruises, Cuts, Mud Scalds, Scratches, Grease Heel, Rope Burn, or any minor wound or sore upon horses and cattle. It gives immediate relief and quick cure for cracked, sore teats in cows, and for mange in dogs.





## Jacks and Wrenches

### STEEL BUGGY, CARRIAGE AND WAGON JACKS.

This is a powerful Jack, operated by pinion and lever, and is so constructed that the greatest leverage is obtained. When the load is lifted and the handle is down, the jack becomes locked and holds load in position until lever is raised. Three sizes.

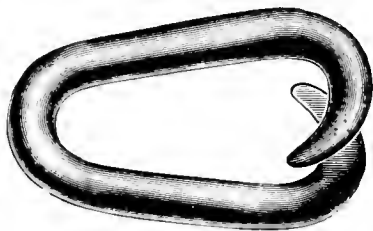
No.	Size.	Capacity.	Weight about	Per dozen.
No. 0—Buggy	Size.	500 pounds.	6 pounds.	\$12.00
No. 1—Carriage	"	1000 "	11 "	16.00
No. 2—Wagon	"	1800 "	15 "	24.00



### CARRIAGE WRENCHES

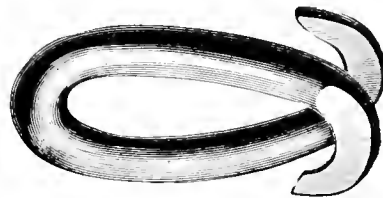
No.	Size.	Capacity.	Weight about	Per dozen.
No. 7320C—Malleable Wrenches.	For 1 -inch Axle Nuts.	$\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ -inch openings.		\$1.50
No. 7320F—	"	$\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ "		1.50

## Links, Rings and Swivels



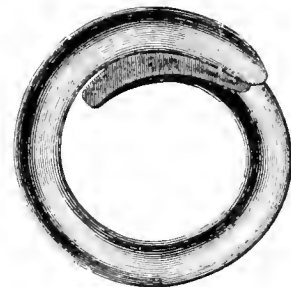
### PLAIN REPAIR LINKS.

Size, inches	Per gross.
$\frac{1}{4}$ -inch Iron	\$2.25
$\frac{5}{16}$ " "	3.30
$\frac{3}{8}$ " "	4.50
$\frac{1}{2}$ " "	8.25
$\frac{5}{8}$ " "	12.75



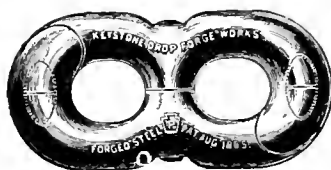
### END LAP LINKS.

Size, inches	Per gross.
$\frac{5}{16}$ -inch Iron.	$1\frac{1}{2}$ -inch inside \$2.70
$\frac{3}{8}$ " "	2 " " 4.50
$\frac{1}{2}$ " "	$2\frac{1}{2}$ " " 9.00
$\frac{5}{8}$ " "	$2\frac{1}{2}$ " " 15.00
$\frac{3}{4}$ " "	3 " " 16.50
$\frac{7}{8}$ " "	3 " " 21.75



### PLAIN LAP RINGS.

Size, inches	Per gross.
$\frac{1}{2}$ -inch Iron	$2\frac{1}{2}$ -inch diam \$12.60
$\frac{5}{8}$ " "	3 " " 18.00



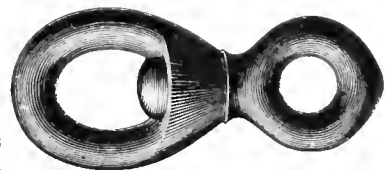
### KEYSTONE CONNECTING LINKS.

The Keystone Connecting Link for connecting new or repairing broken chains of any kind is composed of two corresponding halves centrally pivoted on the same axis. The inner flat face of each is pivoted with a projecting lug and recess, so that when closed and in use they mutually interlock, and by abutting against each other, lateral displacement of the two halves, and consequent spreading or parting is rendered impossible. The Keystone Link is drop forged from an especially tough grade of bar steel.

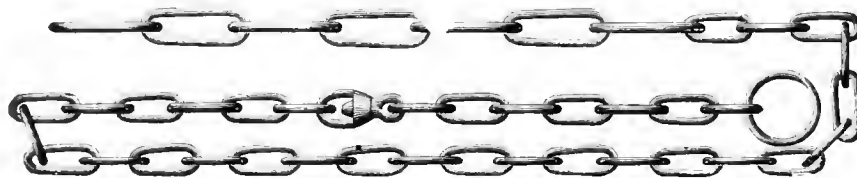
Size, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1
Per dozen	\$2.00	2.25	2.50	3.25	4.00	7.50	10.00	15.00

### MALLEABLE CHAIN SWIVELS.

Length, inches	$2\frac{3}{8}$	$2\frac{3}{4}$	3	$4\frac{1}{4}$	$4\frac{3}{4}$	5
Size Eyes, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Size Wire, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per pound	...	...	...	...	...	...



## Trace Chains



Straight Link Trace Chains.

English Standard.

						Per pair.
6½-8-2	6½ feet long.	6 Links to foot	1¼-inch Wire.	63¼ lbs. per pair.		\$0.92
6½-10-2	" "	8 " " "	1½ " "	61¼ " " "		1.07
7-10-2	" "	8 " " "	1½ " "	61½ " " "		1.23
7-10-1	" "	8 " " "	9⁄32 " "	81½ " " "		1.42
7-10-0	" "	8 " " "	5⁄16 " "	101½ " " "		1.75
7-12-0	" "	10 " " "	5⁄16 " "	11 " " "		2.05
7-14-0	" "	12 " " "	5⁄16 " "	111½ " " "		2.70



Butt or Half Trace Chains.

Western Pattern.

						Per pair.
30-8-1	30 inches long.	7 Links to foot.	9⁄32-inch Wire.	38½ lbs. per dozen pairs.		
30-10-1	" "	9 " " "	9⁄32 " "	40 " " " "		
30-8-2	" "	7 " " "	1¼ " "	29 " " " "		
36-8-2	" "	7 " " "	1¼ " "	35 " " " "		
30-10-2	" "	9 " " "	1¼ " "	30 " " " "		
36-10-2	" "	9 " " "	1¼ " "	36 " " " "		



Buckeye Stage Chains.

Western Pattern.

						Per pair.
3½-10-1	3½ feet long	9 Links to foot	9⁄32-inch Wire.	61 lbs. per dozen pairs.		
3½-12-1	" "	11 " " "	9⁄32 " "	62 " " " "		

## Cart Back Chains



						Per doz.
Single.	5 feet long.	5⁄16-inch Wire.	30 pounds per dozen.			
"	4 " "	9⁄32 " "	25 " " "			



						Per doz.
Double.	Twisted Link	4½ feet long.	5⁄16-inch Wire.	63 lbs. per dozen.		

## Wagon Chains



<b>Wagon Stay Chains.</b>	Self-Colored.	26 inches long.	$\frac{5}{16}$ -inch Wire.	Weight, 30 pounds per dozen.....	\$0.50
	" "	36 " "	$\frac{3}{8}$ " "	" 45 " " " " .....	60



<b>Wagon Tongue Chains.</b>	Self-Colored.	36 inches long.	$\frac{5}{16}$ -inch Wire.	Weight, 32 pounds per dozen.....	\$0.70
		36 " "	3- " "	" 54 " " " .....	.90



Wagon Lock Chains.	Self-Colored	42 inches long	$\frac{5}{16}$ -inch Wire.	Weight, 4 pounds each.	.....	\$5.20
"	"	42 "	$\frac{3}{8}$ "	" 5 $\frac{1}{4}$ "	.....	6.00



<b>Wagon Stretcher Chains.</b>	Self-Colored.	42 inches long.	3/8-inch Wire.	Weight, 9 pounds each.....	Each. \$1 00
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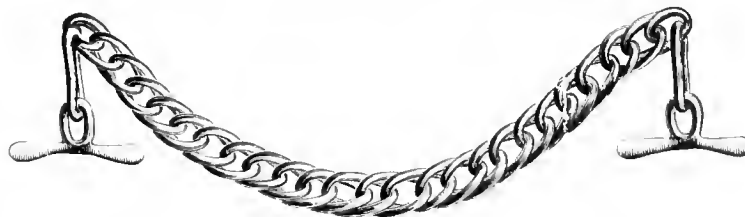


### Fifth, or Rolling Chain.

7 $\frac{1}{16}$ -in.	{	Length, feet ..	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	3 $\frac{1}{8}$ -in.	{	Length, feet ...	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>
		Aver. Wt. lbs...	14 $\frac{3}{4}$	15	15 $\frac{1}{2}$	17 $\frac{1}{2}$			Aver. Wt. lbs...	15 $\frac{1}{2}$	19	22 $\frac{1}{4}$	24 $\frac{1}{2}$
		Per pound ....	.....	.....	.....	.....			Per pound ....	.....	.....	.....	.....



Single Breast Chains.	Bright	26-8-2	¼-inch Wire	Weight, 30 pounds per dozen.	Per doz.
					\$5.00

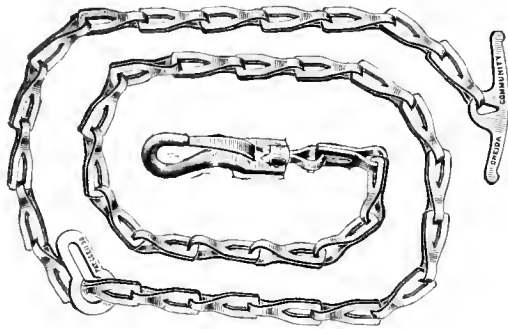


					Per doz.
<b>Double Breast Chains.</b>	Bright	26-10-2.	¼-inch Wire.	Weight, 42 pounds per dozen	\$9.00

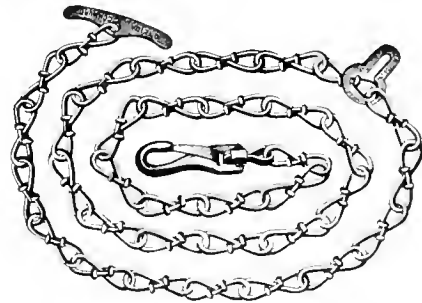


<b>Sliding Breast Chains.</b>	Bright	26-8-2	1/4-inch Wire.	Weight, 31 pounds per dozen.....	Per doz. \$9.00
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## Halter Chains



American Pattern Halter Chains.

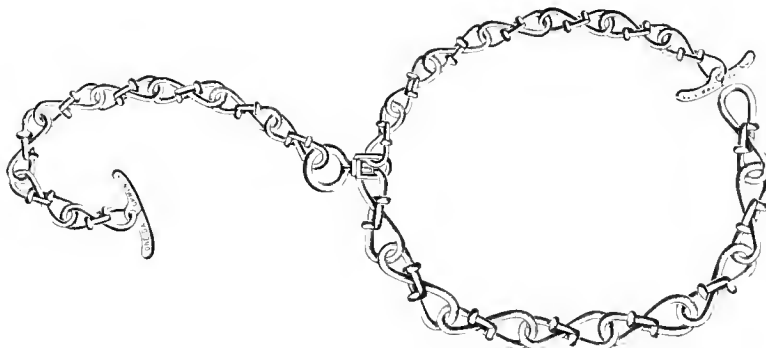


Niagara Pattern Halter Chains.

Size Numbers				7	6	5	4	3	2	1	0
American.	4 $\frac{1}{2}$ feet long.	Per dozen		\$1.65	1.65	1.70	1.75	1.85	2.05	2.30	2.65
"	6 " "	" "		2.10	2.15	2.25	2.35	2.50	2.70	3.00	3.35
Niagara.	4 $\frac{1}{2}$ " "	" "		1.65	1.65	1.70	1.75	1.85	2.05	2.30	2.65
"	6 " "	" "		2.10	2.15	2.25	2.35	2.50	2.70	3.00	3.35

*Half Dozen in a Box.*

## Cow Ties



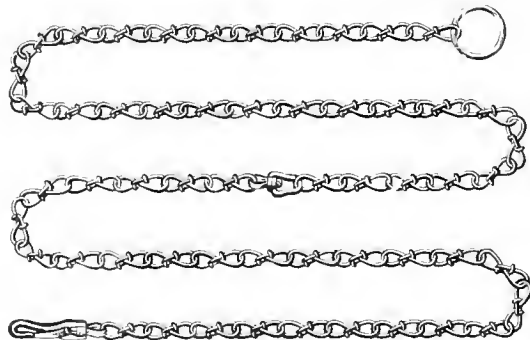
Niagara Ohio Pattern.



Ohio Pattern.

No.	Length	Weight	Per doz.	No.	Length	Weight	Per doz.
No. 00	—4 feet 10 inches.	14 pounds to dozen	\$3.25	No. 00	—4 $\frac{1}{2}$ feet	19 pounds to dozen	\$3.60
No. 000	—5 " "	17 " " "	3.75		5 " "	28 " " "	4.80

## Tie-Out Chains

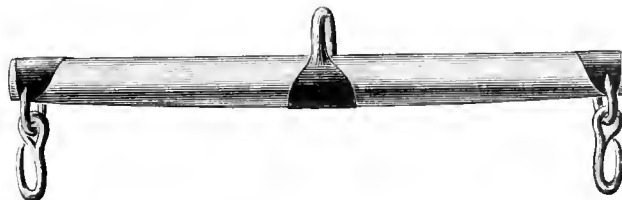


Niagara Tie-Out or Picket Chains.

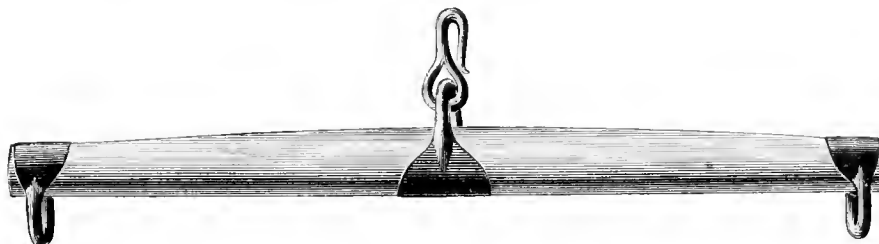
Regular length 30 feet. Swivel Snap on one end, 1 $\frac{3}{4}$ -inch Ring on the other end and Swivel in center. Picket Chains are wrapped singly in strong paper packages; 6 packages in a bundle, 7 to 10 dozen to a barrel.

Niagara Pattern.	30 feet long.	No. 1 Wire.	Weight, about 28 pounds per dozen	Per doz.
"	30 " "	No. 0 " "	38 " " "	\$26.00
				30.00

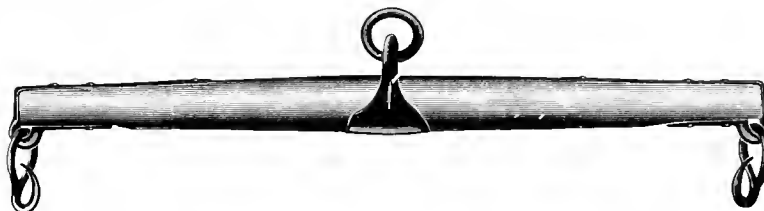
## Single and Doubletrees



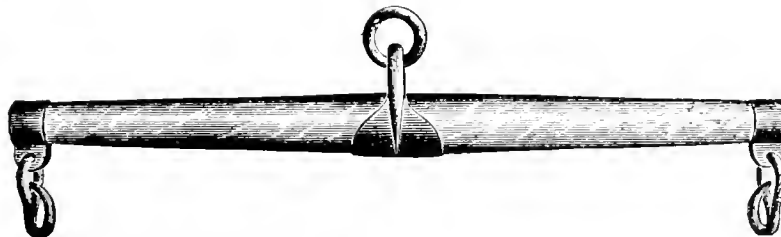
- No. 1—Plow Singletree. Varnished. Length, 26 inches. Size of wood,  $2\frac{3}{8} \times 1\frac{3}{4}$  in. Wt., 34 lbs. per doz. Per doz. \$2.50  
 Center Clip  $\frac{7}{16}$  inch, End Clips  $\frac{3}{8}$  inch, Hooks  $\frac{1}{4}$  inch.
- No. 2—Plow Singletree. Painted Red. Length, 26 inches. Size of wood,  $2\frac{3}{8} \times 1\frac{3}{4}$  in. Wt., 38 lbs. per doz. 3.00  
 Center Clip  $\frac{1}{2}$  inch, End Clips  $\frac{7}{16}$  inch, Hooks  $\frac{5}{16}$  inch.



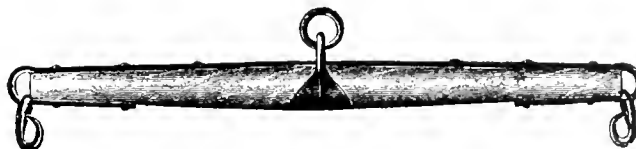
- No. 13—Plow Doubletree. Varnished. Length, 36 inches. Size of wood,  $2\frac{3}{4} \times 2$  in. Wt., 68 lbs. per doz. Per doz. \$4.00  
 Center Clip  $\frac{9}{16}$  inch, Center Hook  $\frac{7}{16}$  inch, End Clips  $\frac{7}{16}$  inch.
- No. 14—Plow Doubletree. Painted Red. Length, 36 inches. Size of wood,  $2\frac{3}{4} \times 2$  in. Wt., 75 lbs. per doz. 5.00  
 Center Clip  $\frac{5}{8}$  inch, Center Hook  $\frac{1}{2}$  inch, End Clips  $\frac{1}{2}$  inch.



- No. 9 $\frac{1}{2}$ —Wagon or Contractors' Singletree. Painted Red. Heavy Malleable Strap Ends. Wt., 90 lbs. per doz. Per doz. \$7.00  
 Center Clip  $\frac{5}{8}$  inch, Ring  $\frac{1}{2}$  inch, Hooks  $\frac{3}{8}$  inch, size of Wood  $2\frac{3}{4} \times 2 \times 36$  inches.

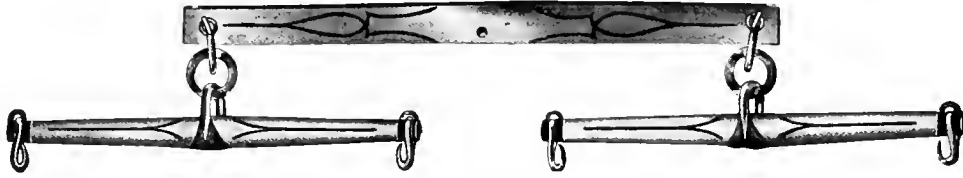


- No. 90A—Wagon Singletree. Varnished. Length, 36 inches. Size of wood,  $2\frac{5}{8} \times 2$  in. Wt., 74 lbs. per doz. Per doz. ....  
 Center Clip  $\frac{9}{16}$  inch, Ring  $\frac{7}{16}$  inch, Ferrule,  $1\frac{3}{8}$  inch, Hooks  $\frac{3}{8}$  inch.
- No. 90 —Wagon Singletree. Varnished. Length, 36 inches. Size of wood,  $2\frac{3}{4} \times 2$  in. Wt., 84 lbs. per doz. ....  
 Center Clip  $\frac{5}{8}$  inch, Ring  $\frac{1}{2}$  inch, Ferrule  $1\frac{1}{2}$  inch, Hooks  $\frac{3}{8}$  inch.



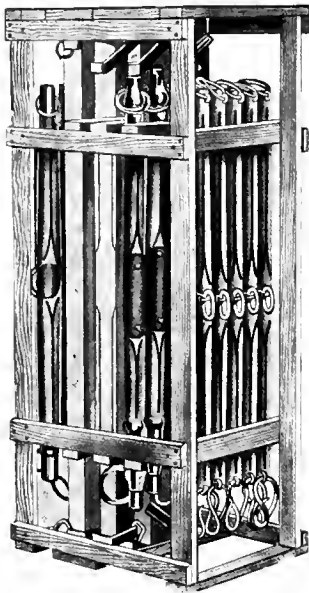
- No. 100—Wagon Singletree. Full Strap Back. Varnished. 36 inches. Wood,  $2\frac{3}{4} \times 2$  in. Wt., 90 lbs. per doz. Per doz. ....  
 Center Clip  $\frac{5}{8}$  inch, Ring  $\frac{1}{2}$  inch, Full Strap  $\frac{1}{2}$  inch, Hooks  $\frac{5}{8}$  inch.

## Heider Single and Doubletrees



Per set.

**Two-Horse Plow Doubletree Set.** Doubletree,  $1\frac{3}{4} \times 3\frac{5}{8} \times 42$  inches, with Steel Clevis and Wood Riveted at each end; two Singletrees,  $2\frac{3}{4} \times 30$  inches, with Welded Center Clips with Rings, Malleable Ferrules with Steel Hooks, Hickory, Painted, Striped and Varnished. Weight, 15 pounds per set..... \$1.70



### Six Complete Wagon Sets Crated.

A complete set consists of the following: One Doubletree,  $2 \times 4 \times 48$  long, with wrought plates, lockpin clevis clip and stay chain ring and wood riveted at each end. Two Singletrees,  $2\frac{3}{4} \times 36$ , with welded center clips with ring, malleable ferrules with steel hook. One Neckyoke,  $2\frac{5}{8} \times 40$ , with center irons and malleable ferrules with steel ring. Center clip on Singletrees are put on hot. Hickory wood only. Weight, per set, 30 pounds.

Cut shows six sets of Hickory Painted Wagon Sets, crated. The crate is built to fully protect them in shipping from being marked or scratched

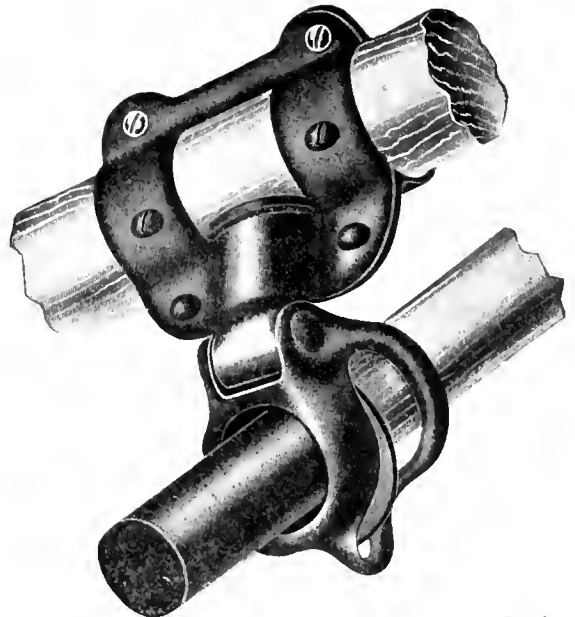
Per crate.

Six Complete Sets, in Crate, Painted, Striped and Varnished. Weight, 225 lbs. per crate..... \$33.00



### Luse Safety Neckyokes.

This Neckyoke is simple and sure. It is strong and cannot get off the pole until the yoke is turned half way over. It cannot hammer the pole, therefore it is noiseless. The band of the yoke is of two pieces of malleable iron, which is firmly riveted on each side of the swivel bolt. The safety device can be readily understood from the cut. The pole cannot drop out when one of these Neckyokes is used and makes an absolute safety.

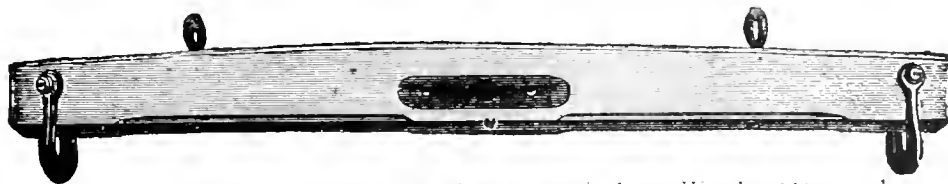


Per doz.

Neckyoke, Complete Varnished .....

... \$16.00

## Doubletrees and Neckyokes

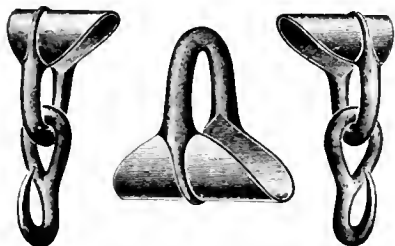


No. 12—Wagon Doubletree. Malleable Clevises Wood, 2 x 4 x 48 inches Weight, 160 pounds per dozen. Per doz. \$8.00

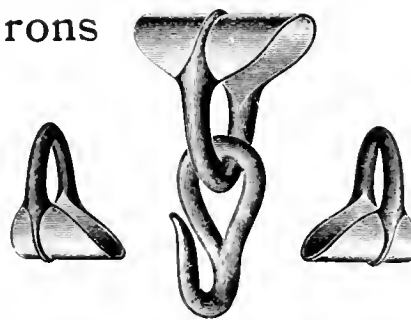


No. 45—Wagon Neckyoke. Varnished Size of Wood, 25 x 40 inches Ironed complete. Per doz. \$7.00

## Single and Doubletree Irons



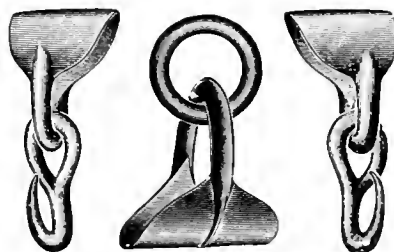
Nos. 73 and 75<sup>1</sup>/<sub>2</sub>.



No. 77.

Dozen sets.

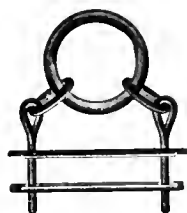
No. 73	—Plow Singletree Sets.	$\frac{5}{8}$ -inch Center Clip.	Two $\frac{7}{16}$ -inch End Clips, with $\frac{3}{8}$ -inch Hooks.	\$3.20
No. 75 <sup>1</sup> / <sub>2</sub>	— " " "	$\frac{7}{16}$ " " "	" $\frac{5}{16}$ " " "	1.90
No. 77	— " Doubletree " "	$\frac{5}{8}$ " " "	with $\frac{1}{2}$ " Hook Two $\frac{1}{2}$ -inch End Clips.	3.30



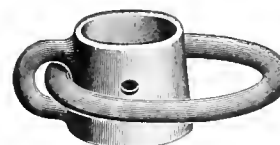
Dozen sets.

Wagon Singletree Sets.	One $\frac{5}{8}$ -inch Center Clip with $\frac{9}{16}$ -inch Ring	Two $\frac{7}{16}$ -inch End Clips, with $\frac{3}{8}$ -inch Hooks	\$4.50
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## Neckyoke Irons



No. 78



No. 80<sup>3</sup>/<sub>4</sub>

Per doz.

No. 78	—Neckyoke Center Irons.	Complete with $\frac{7}{16}$ -inch Eyes, $\frac{3}{8}$ -inch Links, 3 x $\frac{9}{16}$ -inch Ring.	\$3.00
No. 80 <sup>3</sup> / <sub>4</sub>	—Neckyoke Ferrule and Ring.	$1\frac{5}{8}$ -inch Ferrule, 3 x $\frac{3}{8}$ -inch Ring.	1.30

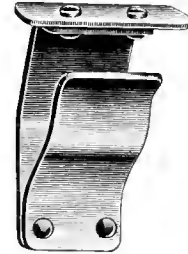
## Anti-Rattlers



No. 1.



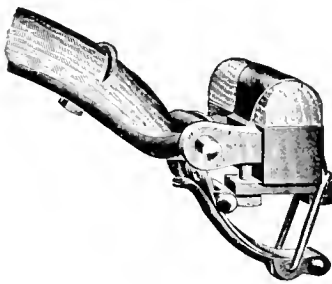
No. 2.



No. 4.

Per doz.

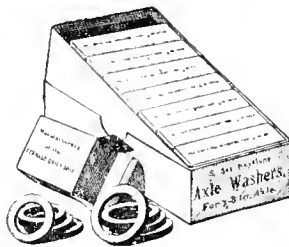
No. 1—Burton Anti-Rattler.	Blue Temper Steel.	$\frac{7}{8}$ -inch.	With Bolt Holder.....	\$2.00
No. 2—	" " " "	$\frac{7}{8}$ "	Without Bolt Holder.....	1.25
No. 4—	" " " "	$1\frac{1}{8}$ "	" " " ".....	1.50



A practical Quick-Shift and Anti-Rattler combined. Simple and low in price. Attaches to any buggy, old or new, working in common shaft eye and shackle. Shafts or pole can be attached or detached, or change made, in an instant without tools of any kind. Is well made throughout of best material. Spring is high grade steel, oil-tempered, and every shifter is thoroughly tested. Has no rubber, leather or brass bushing to wear out in a short time, and is guaranteed to give good service.

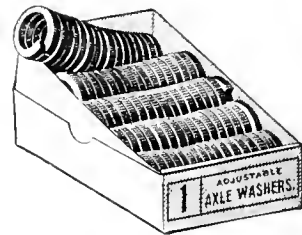
Per doz.

The Improved Quick-Shift. For  $\frac{3}{8}$ -inch Bolt. Tempered Steel Spring. Japanned ..... \$4.00



Solid Axle Washers.

## Axle Washers



Coil Axle Washers.

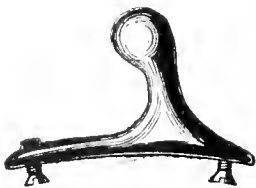
For $\frac{7}{8}$ -inch Axle.	Five Sets in a Box.....	Per box.
" $\frac{15}{16}$ " " " " " "	.....	\$0.96
" 1 " " " " " "	.....	1.12
" $1\frac{1}{8}$ " " " " " "	.....	1.18
" $1\frac{1}{4}$ " " " " " "	.....	1.28
" $1\frac{1}{2}$ " " " " " "	.....	1.44

These Washers are made from best oak-tanned leather and cut from whole stock

$\frac{7}{8}$ -inch.	Five Coils (100 Washers) in a Box.....	Per box.
1 " " " " " "	.....	\$0.30
$1\frac{1}{8}$ " " " " " "	.....	.35
$1\frac{1}{4}$ " " " " " "	.....	.40
$1\frac{1}{2}$ " " " " " "	.....	.45

Made of best oak stock, full of the life and elasticity of the original leather, which gives the most satisfactory service.

## Rein Supporters



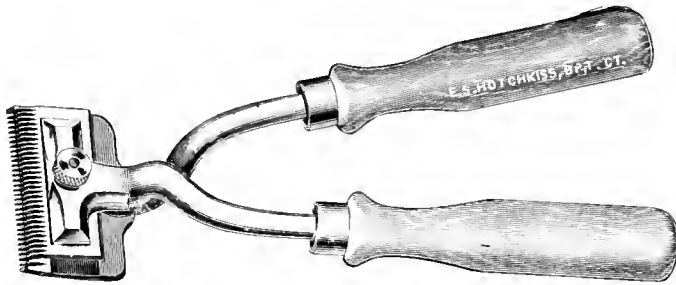
A simple, practical, common-sense device that prevents accidents, saves annoyance, adds to pleasure of driving. Reins never get under horse's tail. Their simplicity, practical working, ornamental appearance, little cost, make them appeal strongly to the driving public. Quarter dozen pairs on display card.

Per doz.

Read's Rein Supporters.	Imitation Rubber.	To attach to Breeching.....	\$3.00
" " "	Nickel Plated.	" " " ".....	3.00

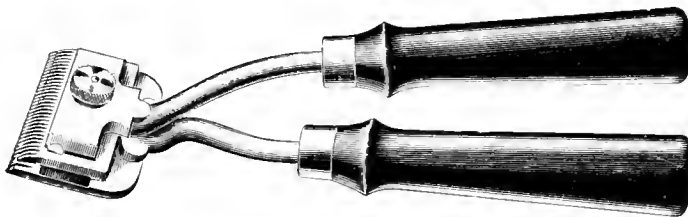


## Horse Clippers



A strong, well-made and finished medium price Clipper. Entirely taken apart by removal of tension bolt. All metal parts nicely polished. Black enameled handles and nickel plated ferrules. A satisfactory, neat and taking article. Weight, about 1½ pounds.

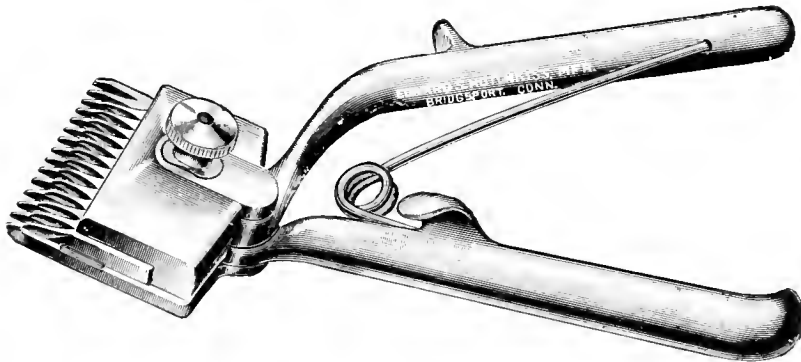
No. 25—Standard Hand Clipper. Polished. Full Length, 10½ inches. 3¾-inch Plate..... Each. \$1.75



This Clipper is made from the best material throughout, is finely polished and nickel plated, has nicked ferrules and oval turned hardwood handles finished in imitation of vulcanized rubber.

The anti-friction or ball bearing feature is so constructed that the balls are securely held in the cap by the spring piece, thus avoiding any unnecessary loose parts to be mislaid when the Clipper is taken apart.

No. 40—Ball Bearing Hand Clipper. Nickel Plated. Full Length, 11 inches. 3¾-inch Plate..... Each. \$3.00

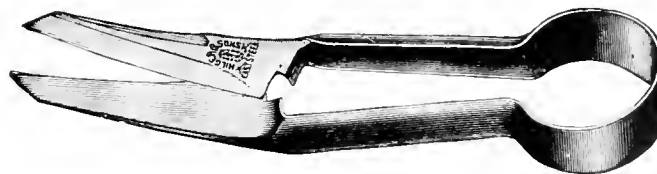


This is a very strong, substantial and satisfactory article, finely finished and nickel plated and recommended as the most satisfactory Ball Bearing Fetlock Clipper ever brought out.

The anti-friction or ball bearing feature is so constructed that the balls are securely held in the cap, thus avoiding any unnecessary loose parts to be mislaid when the Clipper is taken apart. Has strong outside spring of best music spring wire. Plates are carefully ground and have strong coarse cutting teeth.

No. 100—Ball Bearing Fetlock Clipper. Fine Finish and Nickel Plated. 6½ inches long. 1¾-inch Plate.... Each. \$2.50

## Mule Shears



No. 1090—Hilger Mule Shears. Half Polished. Curved Blades. Full Length, 9 inches.

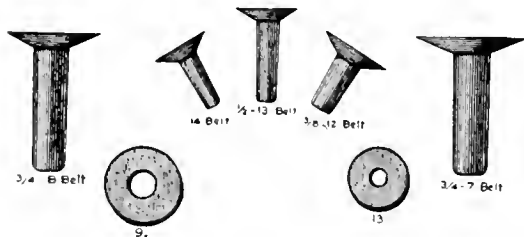
Per doz.

\$4.30

*Half Dozen in a Box.*



## Rivets and Burrs



### Approximate Number Rivets and Burrs to Pound.

No.	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	Burrs
3	...	...	...	...	...	...	...	...	...	70
4	...	...	...	...	...	...	...	...	...	78
5	...	...	64	53	48	46	44	39	36	85
6	...	105	96	74	68	61	56	54	50	180
7	211	171	150	132	110	97	91	79	72	368
8	284	227	178	156	136	116	100	93	88	417
9	365	276	228	184	169	156	133	124	113	620
10	411	336	275	223	206	180	162	...	...	820
11	416	360	320	...	...	...	...	...	...	944
12	545	400	325	292	257	221	185	...	...	1167

### Copper Rivets and Burrs.

#### In Half Pound Boxes.

No.	Uniform Lengths:	Per lb.
7	1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4 in.	\$0.52
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.55
8	1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4 in.	.53
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.56
9	1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1 in.	.55
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.58
10	1/4, 3/8, 1/2, 5/8, 3/4, 7/8 in.	.57
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.60

Five Pounds, 10 Boxes, in Carton.

#### In Quarter Pound Boxes.

No.	Uniform Lengths:	Per lb.
7	3/8, 1/2, 5/8, 3/4 in.	.55
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.57
8	3/8, 1/2, 5/8, 3/4 in.	.56
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.58
9	3/8, 1/2, 5/8, 3/4 in.	.58
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.60
10	3/8, 1/2, 5/8, 3/4 in.	.60
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.62

Three Pounds, One Dozen Boxes, in Carton.

### Coppered Iron Rivets and Burrs.

#### In Half Pound Boxes.

No.	Uniform Lengths:	Per lb.	No.	Uniform Lengths:	Per lb.
7	3/8, 1/2, 5/8, 3/4, 7/8, 1 in.	\$0.39	9	3/8, 1/2, 5/8, 3/4, 7/8 in.	\$0.41
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.43		Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.45
8	3/8, 1/2, 5/8, 3/4, 7/8, 1 in.	.40	10	3/8, 1/2, 5/8, 3/4, 7/8 in.	.43
	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.44		Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.47

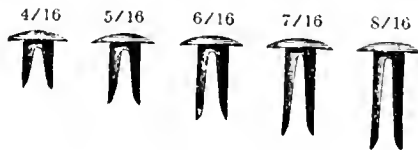


### No. 1 Japanned Tubular Rivets.

#### Uniform Lengths. 1,000 in a Box.

#### Assorted Lengths. In Papers. 12 in Carton.

Inch.	1/16	5/16	6/16	7/16	8/16	9/16	10/16	12/16	50 in a Box.	3/16 to 8/16	Per carton.
Per 1,000	\$0.95	.95	1.05	1.15	1.25	1.35	1.45	1.55	100 "	3/16 to 8/16	\$0.75
											1.40



### Copper Bevel Clinch Rivets.

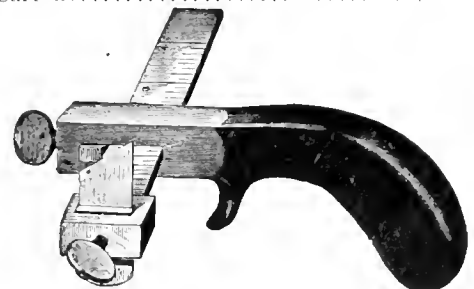
No.	Assorted 3/16 to 8/16.	In Paper Boxes of 100 Rivets.	12 Boxes in Carton.	Per carton.
1				\$0.70

## Draw Gauges

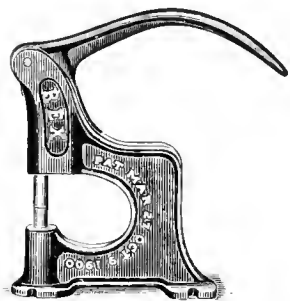
Japanned malleable iron hollow handle, polished steel slide, graduated 1/8-inch, with set screws. Total length, 5 inches. Weight, about 12 pounds per dozen.

No.	51 1/2—Tempered Steel Blade	Per doz.
		\$25.00

Packed Six in a Box.



## Riveting Machines



### The "Rex" Riveter.

This machine is designed to meet the demand for a low-priced machine, but the quality is not slighted in the least. At the price there is no better machine made. For No. 1 Tubular or Bifurcated Rivets, adjusts automatically to any length rivet. Case hardened steel plunger and anvil, malleable iron frame, finished in black Japan. One in a paper box. Shipping weight per dozen, 38 pounds.

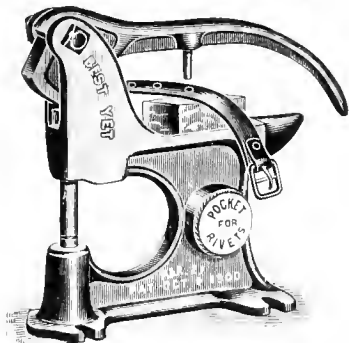
The "Rex" Riveter. Black Japanned Gilt Finish Weight, 2¾ pounds ..... Per doz. \$12.00



### The "Victor" Riveter.

Made of malleable iron and hardened steel, and is absolutely first-class and fully guaranteed as to workmanship and material. Will do perfect work with No. 1 Rivets, either tubular or split. Sets Rivets all lengths, up to and including 10/16. It automatically adjusts to all lengths without change of any kind. This machine is especially adapted for harness and repair work. Has a larger throat opening than any machine of this class on the market.

The "Victor" Riveter. Two Coats Black Japan, Gilt Letters Weight, about 4 pounds ..... Per doz. \$18.00

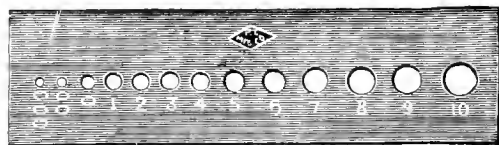
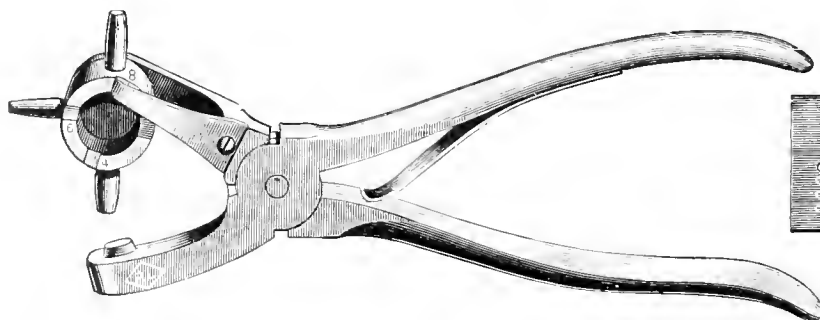


### The "Best Yet" Riveter.

Provided with a punch for punching the buckle holes. This machine will be found the handiest tool on earth for quickly repairing harness, belting and straps of all kinds. It automatically adjusts and will set any length tubular or split, harness or shoe rivets without change of any kind. When punching for buckles lay a board, one inch thick, on the face of the anvil and your strap on this board; then by pushing the lever of the machine down you will be able to force the punch through the leather with the greatest ease. "Best Yet" is bound to outsell all others.

The "Best Yet" Riveting Machine. Double Japanned, Gilt Finish Weight, 3½ pounds ..... Per doz. \$24.00

## Spring Punches



No. 1—Single Tube.	Assorted Sizes, Nos. 3 to 9.	Screw Tubes, Forged Steel.	Per doz. \$ 6.00
No. 4—Four Tubes.	" " Nos. 4, 6, 8, 10.	" " " " " "	20.00
No. 6—Six Tubes	" " Nos. 1, 2, 3, 4, 5, 6.	Screw Tubes, Forged Steel.	24.00

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